

F. No. 283/41/2024-GRID SOLAR
भारत सरकार / Government of India
नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy
ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.
Dated: 7th February, 2026

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

- Ref:** (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR-Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;
(iv) MNRE's O.M. No. 32/33/2024-SPV Division dated 06.05.2025;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M.s referred at (ii), (iii) & (iv) above, inter-alia, directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	Application/Use	Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules	
		For c-Si technology based solar PV modules	For CdTe thin film technology based solar PV modules
Category-I	Utility/Grid Scale Power Plants	20.00%	19.00%
Category-II	Rooftop and Solar Pumping	19.50%	18.50%
Category-III	Off-grid projects/applications like solar lamps, solar lights, solar street lights, solar fans, etc. (other than solar powered agricultural pumps and solar PV rooftops) requiring individual capacity of each solar PV module deployed, to be of less than 200 Watt peak	18.00%	18.00%
Category-IV	Any other application	19.00%	18.00%

3. Post the aforesaid O.M. dated 10.05.2023 and subsequent O.M.s dated 22.03.2024 and 06.05.2025, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 22.12.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XLVI (in the format of additions / modifications to Revision-XLV) is enclosed at Annexure-I. The last revision no. XLV dated 22.12.2025 is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.


(Sanjay G. Karndhar)
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Encl: as above

To: All Concerned

Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

A. Amendments/ Updatons in previous lists of ALMM List-I

1. In list dated 22.12.2025 => SI. No. 07 (M/s Frontier Energy) => Name of Company may be read as M/s Frontier Energies Pvt. Ltd. instead of M/s Frontier Energy Pvt. Ltd.

2. In list dated 22.12.2025=> SI. No. 13 (M/s INOX Solar) => Type of Module may be read as N type TOPCon Module (Glass to Glass) instead of N type TOPCon Module (Glass to Transparent Backsheet)



B. New additions on 07/02/2026 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
1	M/s KRG POWER SOLAR PRIVATE LIMITED (New Addition in ALMM)	128/1, K.AYYAMPALAYAM POST, PALLADAM TALUK, TIRUPPUR DISTRICT TAMIL NADU,India-641662	R-61006203	1094	i	Bifacial N-Type TOPCon Module (Glass to Glass)	V-SPACE10 (610 Wp)	V-SPACE13 (625W)	23.14	132 Half Cut Cell	1500	07.02.2026	06.02.2030
								V-SPACE12 (620W)	22.95				
								V-SPACE11 (615W)	22.77				
								V-SPACE10 (610W)	22.58				
								V-SPACE09 (605W)	22.40				
								V-SPACE08 (600W)	22.21				
								V-SPACE07 (595W)	22.03				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	V-SPACE04 (580W)	V-SPACE06 (590W)	21.84	132 Half Cut Cell	1500		
								V-SPACE05 (585W)	21.66				
								V-SPACE04 (580W)	21.47				
								V-SPACE03 (575W)	21.29				
								V-SPACE02 (570W)	21.10				
								V-SPACE01 (565W)	20.92				
2	M/s RenewSys India Pvt. Ltd. (New Addition in ALMM)	B-300, SURVEY NO: 54/1 (PT); AJIVALI (V); KHALAPUR-TALUKA; RAIGAD DISTRICT, MAHARASHTRA,India-410203	R-71045160	2268	i	Bifacial N-Type TOPCon Module (Glass to Glass)	DESERV EXTREME R-610 (610 Wp)	DESERV EXTREME R-600	22.24	132 (Half Cut Cells)	1500	07.02.2026	06.02.2030
								DESERV EXTREME R-605	22.43				
								DESERV EXTREME R-610	22.61				
								DESERV EXTREME R-615	22.80				
								DESERV EXTREME R-620	22.98				
3	M/s. Unique Sun Power Private Limited (Model Addition + Capacity Addition)	BL No. 2281/2/1/1, Sub Plot 1-A, Tadkeshwar, Near Areth Minnor Canal, Mandvi, Surat - 394170, Gujarat, India	R-72005550	386	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SUN120T450 (450 Wp)	SUN120T450	20.82	120 (Half Cut cells)	1500	21.05.2025	20.05.2029
								ii	Bifacial N-Type TOPCon Module (Glass to Glass)				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	SUN132T550 (550 Wp)	SUN132T540	22.74	132 (Half cut cells)	1500		
								SUN132T545	22.95				
								SUN132T550	23.16				
								SUN132T555	23.37				
								SUN132T560	23.58				
								SUN132T565	23.79				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	SUN144T610 (610 Wp)	SUN144T590	22.83	144 (Half Cut Cells)	1500		
								SUN144T595	23.02				
								SUN144T600	23.22				
								SUN144T605	23.41				
								SUN144T610	23.60				
								SUN144T615	23.80				
								SUN144T620	23.99				
					v	Mono c-Si PERC Module	SUN132P505 (505Wp)	SUN132P500	21.24	132 (Half Cut Cells)	1500		
								SUN132P505	21.45				
					4	M/s SUNBOND ENERGY PRIVATE LIMITED (UNIT-2) (New Addition in ALMM)	SURVEY NO 270/ P1-P2, NR. ONERY TILES, MITANA, MITANA- NEKNAM, PADADHARI ROAD, TANKARA, MITANA, MORBI, 363650, NA, GUJARAT, India - 363650	R-72015164	844	i	Bifacial N-Type TOPCon Module (Glass to Glass)		
SEPLG12R132-605	22.40												
SEPLG12R132-610	22.58												
SEPLG12R132-615	22.77												
SEPLG12R132-620	22.95												
SEPLG12R132-625	23.14												
ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SEPL16BGGN144-580 (580 Wp)	SEPL16BGGN144-570	22.07						144 (Half Cut Cells)	1500		
			SEPL16BGGN144-575	22.26									
			SEPL16BGGN144-580	22.45									
			SEPL16BGGN144-585	22.65									
			SEPL16BGGN144-590	22.84									
			SEPL16BGGN144-595	23.03									
5	M/s SUNIFY SOLAR LLP (Model Addition + Capacity Addition)	Survey no. 624P1, Near Hanuman Temple, Sarvad, Pipaliya Maliya Highway, Chachavadarda road, Morbi - 363660, Gujarat, India	R-72005800	1558	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SS144N580G (580 Wp)	SS144N555G	21.48	144 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								SS144N560G	21.68				
								SS144N565G	21.87				
								SS144N570G	22.07				
								SS144N575G	22.26				
								SS144N580G	22.45				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								SS144N585G	22.65				
								SS144N590G	22.84				
								SS144N595G	23.03				
								SS144N600G	23.23				
								SS144N605G	23.42				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SS132N530G (530 Wp)	SS132N510G	21.48	132 (Half Cut Cells)	1500		
								SS132N515G	21.69				
								SS132N520G	21.90				
								SS132N525G	22.11				
								SS132N530G	22.32				
								SS132N535G	22.53				
								SS132N540G	22.74				
								SS132N545G	22.95				
								SS132N550G	23.16				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	SS120N460G (460 Wp)	SS120N455G	21.05			120 (Half Cut Cells)	1500
								SS120N460G	21.28				
								SS120N465G	21.51				
								SS120N470G	21.75				
								SS120N475G	21.98				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	SS120N495G (495 Wp)	SS120N480G	22.21	120 (Half Cut Cells)	1500		
								SS120N485G	22.44				
								SS120N490G	22.67				
								SS120N495G	22.90				
								SS120N500G	23.13				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	SS108N425G (425 Wp)	SS120N505G	23.36	108 (Half Cut Cells)	1500		
								SS108N410G	20.74				
								SS108N405G	21.00				
								SS108N415G	21.25				
								SS108N420G	21.51				
								SS108N425G	21.76				
								SS108N430G	22.02				
								SS108N435G	22.28				
								SS108N440G	22.53				
								SS108N445G	22.79				
					vi	Bifacial N-Type TOPCon Module (Glass to Backsheet)	SS144N580B (580 Wp)	SS108N450G	23.04	144 (Half Cut Cells)	1500		
								SS144N555B	21.48				
								SS144N560B	21.68				
								SS144N565B	21.87				
								SS144N570B	22.07				
								SS144N575B	22.26				
								SS144N580B	22.45				
								SS144N585B	22.65				
								SS144N590B	22.84				
								SS144N595B	23.03				
								SS144N600B	23.23				
								SS144N605B	23.42				
					vii	Bifacial N-Type TOPCon Module (Glass to Backsheet)	SS132N530B (530 Wp)	SS132N510B	21.48	132 (Half Cut Cells)	1500		
								SS132N515B	21.69				
								SS132N520B	21.90				
								SS132N525B	22.11				
								SS132N530B	22.32				
								SS132N535B	22.53				
								SS132N540B	22.74				
								SS132N545B	22.95				
								SS132N550B	23.16				
					viii	Bifacial N-Type TOPCon Module (Glass to Backsheet)	SS120N465B (465 Wp)	SS120N455B	21.05			120 (Half Cut Cells)	1500
								SS120N460B	21.28				
								SS120N465B	21.51				
								SS120N470B	21.75				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								SS120N475B 21.98 SS120N480B 22.21					
					ix	Bifacial N-Type TOPCon Module (Glass to Backsheet)	SS120N495B (495 Wp)	SS120N485B 22.44 SS120N490B 22.67 SS120N495B 22.90 SS120N500B 23.13 SS120N505B 23.36		120 (Half Cut Cells)	1500		
					x	Bifacial N-Type TOPCon Module (Glass to Backsheet)	SS108N430B (430 Wp)	SS108N405B 20.74 SS108N410B 21.00 SS108N415B 21.25 SS108N420B 21.51 SS108N425B 21.76 SS108N430B 22.02 SS108N435B 22.28 SS108N440B 22.53 SS108N445B 22.79 SS108N450B 23.04		108 (Half Cut Cells)	1500		
6	M/s SAEL SOLAR P6 PRIVATE LIMITED (New Addition in ALMM)	KH NO. 154, 743/738 AT VILLAGE BADGOAN, TEHSIL KISHANGARH, AJMER, RAJASTHAN, 305801	R-84006297	1535	i	Bifacial N-Type TOPConModule (Glass to Glass)	SL156GTG-630T (630 Wp)	SL156GTG-640T 22.92 SL156GTG-635T 22.74 SL156GTG-630T 22.57 SL156GTG-625T 22.74 SL156GTG-620T 22.21 SL156GTG-615T 22.03 SL156GTG-610T 21.85 SL156GTG-605T 21.67 SL156GTG-600T 21.49		156 Half Cut cells	1500	07.02.2026	06.02.2030
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SL144GTG-580T (580 Wp)	SL144GTG-600T 23.23 SL144GTG-595T 23.03 SL144GTG-590T 22.84 SL144GTG-585T 22.65 SL144GTG-580T 22.45 SL144GTG-575T 22.26 SL144GTG-570T 22.07 SL144GTG-565T 21.87		144 Half Cut cells	1500		
7	M/s. Mundra Solar PV Limited (Model Addition + Capacity Addition)	Survey no 180 P, Co Mundra Solar Technopark Pvt. Ltd, Electronics Manufacturing Cluster EMC, Village Vandh and Tunda , Mundra , Kutch , Adani Ports and Special Economic Zone, Kachchh, Gujarat, 370435	R-72008532	2429	i	Bifacial N Type- TOPCon (Glass to Glass)	AB-G12R-132-625 (625 Wp)	AB-G12R-132-625	23.16	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
8	M/s. Sun 2 Earth Solar (New Addition in ALMM)	Block No. 331, Ena Gam, Palsana, Barasadi, Ena-Tundi Road Near Char Rasta, Surat- 394310 Gujarat, India	R-72014001	30	i	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-570 (570 Wp)	S2E-595 23.05 S2E-590 22.86 S2E-585 22.67 S2E-580 22.47 S2E-575 22.28 S2E-570 22.08 S2E-565 21.89 S2E-560 21.70 S2E-555 21.50 S2E-550 21.31 S2E-545 21.12		144 (Half Cut Cells)	1500	07.02.2026	06.02.2030
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-520 (520 Wp)	S2E-540 22.75 S2E-535 22.54 S2E-530 22.33 S2E-525 22.12 S2E-520 21.91 S2E-515 21.70 S2E-510 21.49		132 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								S2E-505	21.28				
								S2E-500	21.06				
								S2E-495	20.85				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-480 (480 Wp)	S2E-490	22.62	120 (Half Cut Cells)	1500		
								S2E-485	22.39				
								S2E-480	22.16				
								S2E-475	21.93				
								S2E-470	21.70				
								S2E-465	21.47				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-455 (455 Wp)	S2E-460	21.23	120 (Half Cut Cells)	1500		
								S2E-455	21.00				
								S2E-450	20.77				
								S2E-445	20.54				
								S2E-440	20.50				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-420 (420 Wp)	S2E-440	22.55	108 (Half Cut Cells)	1500		
								S2E-435	22.30				
								S2E-430	22.04				
								S2E-425	21.78				
								S2E-420	21.53				
								S2E-415	21.27				
								S2E-410	21.01				
								S2E-405	20.76				
								S2E-400	20.50				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-250-24 (250 Wp)	S2E-250-24	22.54			60 (Half Cut Cells)	1000
								S2E-240-24	21.64				
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-230-24 (230 Wp)	S2E-230-24	20.73	60 (Half Cut Cells)	1000		
								S2E-225-24	20.28				
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-250-12 (250 Wp)	S2E-250-12	22.54	60 (Half Cut Cells)	1000		
								S2E-240-12	21.64				
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-230-12 (230 Wp)	S2E-230-12	20.73	60 (Half Cut Cells)	1000		
								S2E-225-12	20.28				
					x	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-210 (210 Wp)	S2E-210	20.49	56 (Half Cut Cells)	1000		
								S2E-205	20.00				
					xi	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-200 (200Wp)	S2E-200	22.48	48 (Half Cut Cells)	1000		
								S2E-195	21.92				
								S2E-190	21.36				
					xii	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-185 (185 Wp)	S2E-185	22.47	44 (Half Cut Cells)	1000		
								S2E-180	21.87				
					xiii	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-175 (185 Wp)	S2E-175	21.26	44 (Half Cut Cells)	1000		
								S2E-170	20.65				
					xiv	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-165 (165 Wp)	S2E-165	21.94	40 (Half Cut Cells)	1000		
								S2E-160	21.28				
					xv	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-150 (150 Wp)	S2E-150	22.03	36 (Half Cut Cells)	1000		
								S2E-145	21.30				
								S2E-140	20.56				
					xvi	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-135 (135 Wp)	S2E-135	22.09	32 (Half Cut Cells)	1000		
								S2E-130	21.27				
					xvii	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-125 (125 Wp)	S2E-125	21.79	30 (Half Cut Cells)	1000		
								S2E-120	20.92				
					xviii	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-335 (335 Wp)	S2E-335	22.64	120 (Half Cut Cells)	1000		
								S2E-330	22.30				
								S2E-325	21.96				
								S2E-320	21.63				
								S2E-315	21.29				
								S2E-310	20.95				
								S2E-305	20.61				
								S2E-300	20.27				
					xix	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-100 (100 Wp)	S2E-100	21.46	30 (Half Cut Cells)	1000		
								S2E-095	20.39				
					xx	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-080 (80 Wp)	S2E-080	21.13	30 (Half Cut Cells)	1000		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxi	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-075 (75 Wp)	S2E-075	19.81	30 (Half Cut Cells)	1000		
					xxii	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-050 (50 Wp)	S2E-050	21.37	36 (Half Cut Cells)	1000		
					xxiii	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-045 (45 Wp)	S2E-045	19.23	36 (Half Cut Cells)	1000		
					xxiv	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-040 (40 Wp)	S2E-040	20.11	30 (Half Cut Cells)	1000		
9	M/s. Pahal Solar Private Limited (New Addition in ALMM)	Block No. 267/B, 271/B,272, B/H Samarthy Bellavista, Olpad-Sayan Road, Olpad, Atodra, Surat, Gujarat, 394130	R-72015008	2076	i	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GB600 (600 Wp)	PSN_GB620	24.00	144 (Half Cut Cells)	1500	07.02.2026	06.02.2030
								PSN_GB615	23.81				
								PSN_GB610	23.61				
								PSN_GB605	23.42				
								PSN_GB600	23.23				
								PSN_GB595	23.03				
								PSN_GB590	22.84				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GB570 (570 Wp)	PSN_GB585	22.65	144 (Half Cut Cells)	1500		
								PSN_GB580	22.45				
								PSN_GB575	22.26				
								PSN_GB570	22.07				
								PSN_GB565	21.87				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GRC635 (635Wp)	PSN_GRC650	24.06	132 (Half Cut Cells)	1500		
								PSN_GRC645	23.88				
								PSN_GRC640	23.69				
								PSN_GRC635	23.51				
								PSN_GRC630	23.32				
								PSN_GRC625	23.14				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GRC600 (600 Wp)	PSN_GRC615	22.77	132 (Half Cut Cells)	1500		
								PSN_GRC610	22.58				
PSN_GRC605	22.40												
PSN_GRC600	22.21												
PSN_GRC595	22.03												
PSN_GRC590	21.84												
PSN_GRC585	21.66												
10	M/s. Surya International Enterprise Private Limited (Model Addition + Capacity Addition)	Plot No. S4-E1-21, EMC Park, Infovally II, Harekrushnapur, Jatani, Bhubaneswar-751019, Orissa, India	R-52000175	397				i	Bifacial N-Type TOPCon Module (Glass to Glass)			SI640TCBI-NT156 (640 Wp)	SI660TCBI-NT156
					SI655TCBI-NT156	23.43							
					SI650TCBI-NT156	23.25							
					SI645TCBI-NT156	23.07							
					SI640TCBI-NT156	22.90							
					SI635TCBI-NT156	22.72							
					SI630TCBI-NT156	22.54							
					SI625TCBI-NT156	22.36							
					SI620TCBI-NT156	22.18							
					SI615TCBI-NT156	22.00							
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SI585TCBI-NT144 (585 Wp)	SI610TCBI-NT144	23.61	144 (Half Cut Cells)	1500		
								SI605TCBI-NT144	23.42				
								SI600TCBI-NT144	23.23				
								SI595TCBI-NT144	23.03				
								SI590TCBI-NT144	22.84				
								SI585TCBI-NT144	22.65				
								SI580TCBI-NT144	22.45				
								SI575TCBI-NT144	22.26				
								SI570TCBI-NT144	22.07				
								SI565TCBI-NT144	21.87				
iii	Bifacial N-Type TOPCon Module (Glass to Glass)	SI540TCBI-NT132 (540 Wp)	SI555TCBI-NT132	23.37	132 (Half Cut Cells)	1500							
			SI550TCBI-NT132	23.16									
			SI545TCBI-NT132	22.95									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								SI540TCBI-NT132	22.74				
								SI535TCBI-NT132	22.53				
								SI530TCBI-NT132	22.32				
								SI525TCBI-NT132	22.11				
								SI520TCBI-NT132	21.90				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	SI490TCBI-NT120 (490 Wp)	SI505TCBI-NT120	23.28	120 (Half Cut Cells)	1500		
								SI500TCBI-NT120	23.05				
								SI495TCBI-NT120	22.82				
								SI490TCBI-NT120	22.59				
								SI485TCBI-NT120	22.36				
								SI480TCBI-NT120	22.13				
								SI475TCBI-NT120	21.90				
								SI470TCBI-NT120	21.67				
								SI465TCBI-NT120	21.44				
								SI460TCBI-NT120	21.21				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	SI440TCBI-NT108 (440 Wp)	SI455TCBI-NT108	23.25	108 (Half Cut Cells)	1500		
								SI450TCBI-NT108	22.99				
								SI445TCBI-NT108	22.74				
								SI440TCBI-NT108	22.48				
								SI435TCBI-NT108	22.22				
								SI430TCBI-NT108	21.97				
								SI425TCBI-NT108	21.71				
								SI420TCBI-NT108	21.46				
								SI415TCBI-NT108	21.21				
								SI410TCBI-NT108	20.96				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	SI400TCBI-NT96 (400 Wp)	SI410TCBI-NT96	23.31	96 (Half Cut Cells)	1500		
								SI400TCBI-NT96	22.74				
								SI395TCBI-NT96	22.46				
								SI390TCBI-NT96	22.17				
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	SI380TCBI-NT96 (380 Wp)	SI385TCBI-NT96	21.89	96 (Half Cut Cells)	1500		
								SI380TCBI-NT96	21.61				
								SI375TCBI-NT96	21.32				
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	SI345TCBI-NT84 (345 Wp)	SI360TCBI-NT84	23.34	84 (Half Cut Cells)	1500		
								SI355TCBI-NT84	23.02				
								SI350TCBI-NT84	22.69				
								SI345TCBI-NT84	22.37				
								SI340TCBI-NT84	22.05				
								SI335TCBI-NT84	21.72				
								SI330TCBI-NT84	21.40				
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	SI300TCBI-NT72 (300 Wp)	SI305TCBI-NT72	22.77	72 (Half Cut Cells)	1500		
								SI300TCBI-NT72	22.40				
								SI295TCBI-NT72	22.03				
					x	Bifacial N-Type TOPCon Module (Glass to Glass)	SI285TCBI-NT72 (285 Wp)	SI290TCBI-NT72	21.65	72 (Half Cut Cells)	1500		
								SI285TCBI-NT72	21.28				
								SI280TCBI-NT72	20.91				
11	M/s. Premier Energies Global Environment Private Limited (New Addition in ALMM)	303, 304, 305 AND 306/2, IALA-MAHESWARAM, RANGAREDDY - 501359, India	R-63005460	1507	i	Bifacial N-Type TOPCon Module (Glass to Glass)	PE-132-610THGB-G12R (610 Wp)	PE-132-630THGB-G12R	23.32	132 (Half Cut Cells)	1500	07.02.2026	06.02.2030
								PE-132-625THGB-G12R	23.14				
								PE-132-620THGB-G12R	22.95				
								PE-132-615THGB-G12R	22.77				
								PE-132-610THGB-G12R	22.58				
								PE-132-605THGB-G12R	22.40				
								PE-132-600THGB-G12R	22.21				
								PE-132-595THGB-G12R	22.03				
12	M/s. Emmvee Energy Private Limited (Model Addition + Capacity Addition)	Ground , 13/1 13/2 14 15/1 15/2 16/1 16/2 17/1 17/2 TO 22/3, HSK LOGISTICS ASSETS (INDIA) PVT LTD B&C BLOCK , NH 648, HSK LOGISTICS ASSETS (INDIA) PVT LTD, KADARANAPURA VILLAGE, SULIBELE, BENGALURU RURAL, KARNATAKA-562129 INDIA	R-62006050	4308	i	Bifacial N-Type TOPcon Module (Glass to Glass)	E610HCBG132-T (610 Wp)	E635HCBG132-T	23.51	132 (Half Cut Cells)	1500	19.09.2025	18.09.2029
								E630HCBG132-T	23.32				
								E625HCBG132-T	23.14				
								E620HCBG132-T	22.95				
								E615HCBG132-T	22.77				
								E610HCBG132-T	22.58				
								E605HCBG132-T	22.40				
								E600HCBG132-T	22.21				
								E595HCBG132-T	22.03				
								E590HCBG132-T	21.84				
								E585HCBG132-T	21.66				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity					
												From	To (subject to valid BIS Registration; else deemed to be delisted)				
13	M/s. ReNew Photovoltaics Private Limited (Model Addition + Capacity Addition)	PLOT NO-DTA-02-40 TO 45, DOMESTIC TARIFF AREA PHASE-II, MAHINDRA WORLD CITY TAHSILSANGANER, JAIPUR, NA, RAJASTHAN, India - 302037	R-84003778	3550	i	Bifacial N-Type TOPCon Module (Glass to Glass)	RPS3MH66BD630 (630 Wp)	RPS3MH66BD615	22.77	132 (Half Cut Cells)	1500	16.11.2023	15.11.2027				
								RPS3MH66BD620	22.95								
								RPS3MH66BD625	23.14								
								RPS3MH66BD630	23.32								
								RPS3MH66BD635	23.32								
								RPS3MH66BD640	23.69								
								RPS3MH66BD645	23.88								
14	M/s. Grew Energy Private Limited (New Addition in ALMM)	Khasra Number 851 to 854,870,871, Nolya, Dudu, Rajasthan, 303008, Rajasthan, India - 303008	R-84006289	3015	i	Bifacial N-Type TOPCon Module (Glass to Glass)	GTG12R66H615 (615 Wp)	GTG12R66H625	23.14	132 (Half Cut Cells)	1500	07.02.2026	06.02.2030				
								GTG12R66H620	22.95								
								GTG12R66H615	22.77								
								GTG12R66H610	22.58								
								GTG12R66H605	22.40								
								GTG12R66H600	22.21								
								ISL 144 NM10R 570	22.07								
15	M/s INOX SOLAR LIMITED (Model Addition)	B500, BHAYALA, BAVLA TALUKA, KERALA GIDC, AHMEDABAD, GUJARAT, India - 382240	R-72015016	1274	i	N-Type TOPCon Module (Glass to Glass)	ISL 144 NM10R 580 (580 Wp)	ISL 144 NM10R 570	22.07	144 (Half Cut Cells)	1500	22.12.2025	21.12.2029				
								ISL 144 NM10R 575	22.26								
								ISL 144 NM10R 580	22.45								
								ISL 144 NM10R 585	22.65								
								ISL 144 NM10R 590	22.84								
								ISL 144 NM10R 595	23.03								
								ISL 132 NG12R 600	22.21								
					ii	N-Type TOPCon Module (Glass to Glass)	ISL 132 NG12R 610 (610 Wp)	ISL 132 NG12R 605	22.40	132 (Half Cut Cells)	1500	22.12.2025	21.12.2029				
								ISL 132 NG12R 610	22.58								
								ISL 132 NG12R 615	22.77								
								ISL 132 NG12R 620	22.95								
								ISL 132 NG12R 625	23.14								
								OSWAL560M10RD144TF (560Wp)	21.68					144 (Half Cut Cell)	1500	24.05.2024	23.05.2028
								ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)								
OSWAL550M10RD144TF	21.29																
OSWAL545M10RD144TF	21.10																
OSWAL540M10RD144TF	20.90																
OSWAL535M10RD144TF	20.71																
OSWAL530M10RD144TF	20.52																
OSWAL525M10RD144TF	20.32																
OSWAL520M10RD144TF	20.13																
OSWAL515M10RD144TF	19.94																
OSWAL510M10RD144TF	19.74																
OSWAL505M10RD144TF	19.55																
OSWAL560M10RN144TF (560Wp)	21.68	144 (Half Cut Cell)	1500	24.05.2024	23.05.2028												
iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)					OSWAL530M10RN144TF (530Wp)	OSWAL555M10RN144TF			21.48							
							OSWAL550M10RN144TF	21.29									
							OSWAL545M10RN144TF	21.10									
							OSWAL540M10RN144TF	20.90									
							OSWAL535M10RN144TF	20.71									
							OSWAL530M10RN144TF	20.52									
		OSWAL525M10RN144TF	20.32														
		OSWAL520M10RN144TF	20.13														
		OSWAL515M10RN144TF	19.94														
		OSWAL510M10RN144TF	19.74														
		OSWAL505M10RN144TF	19.55														
		v	Mono PERC C-Si Module (Glass to Backsheet)	OSWAL560M10RD144WF (560Wp)	OSWAL560M10RD144WF		21.68	144 (Half Cut Cell)	1500	24.05.2024	23.05.2028						
		vi	Mono PERC C-Si Module (Glass to Backsheet)	OSWAL530M10RD144WF (530Wp)	OSWAL555M10RD144WF		21.48	144 (Half Cut Cell)	1500								
OSWAL550M10RD144WF	21.29																
OSWAL545M10RD144WF	21.10																
OSWAL540M10RD144WF	20.90																
OSWAL535M10RD144WF	20.71																
OSWAL530M10RD144WF	20.52																

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity		
												From	To (subject to valid BIS Registration; else deemed to be delisted)	
								OSWAL525M10RD144WF	20.32					
								OSWAL520M10RD144WF	20.13					
								OSWAL515M10RD144WF	19.94					
								OSWAL510M10RD144WF	19.74					
								OSWAL505M10RD144WF	19.55					
					vii	Mono PERC C-Si Module (Glass to Backsheet)	OSWAL560M10RN144WF (560Wp)	OSWAL560M10RN144WF	21.68	144 (Half Cut Cell)	1500			
					viii	Mono PERC C-Si Module (Glass to Backsheet)	OSWAL530M10RN144WF (530Wp)	OSWAL555M10RN144WF	21.48	132 (Half Cut Cell)	1500			
							OSWAL550M10RN144WF	21.29						
							OSWAL545M10RN144WF	21.10						
							OSWAL540M10RN144WF	20.90						
							OSWAL535M10RN144WF	20.71						
							OSWAL530M10RN144WF	20.52						
							OSWAL525M10RN144WF	20.32						
							OSWAL520M10RN144WF	20.13						
							OSWAL515M10RN144WF	19.94						
							OSWAL510M10RN144WF	19.74						
							OSWAL505M10RN144WF	19.55						
17	M/s. Mundra Solar PV Limited (Model Addition under Co-ALMM)	Co-ALMM with M/s. Goldi Sun Private Limited Manufacturing Address: City Survey No. 920, Vijalpore Road, TA,Dis., Navsari , Gujarat, India - 396445	R-72012025	210 (As per CoBranding Agreement)	i	Bifacial N-Type TOPCon Module (Glass to Glass)	AB-G12R-132-610 (610 Wp)	AB-G12R-132-620	22.95	132 (Half Cut Cell)	1500	07.02.2026	27.11.2026	
							AB-G12R-132-615	22.77						
							AB-G12R-132-610	22.58						
							AB-G12R-132-605	22.40						
							AB-G12R-132-600	22.21						

Note: In case of model inclusion or capacity addition / change, through revision in ALMM List, the capacity mentioned against any manufacturing unit, as appearing in the said Revision to the ALMM List, shall be the ALMM enlisted manufacturing capacity for that manufacturing unit (from the date of the said revision), and the capacity enlisted for that manufacturing unit should not be interpreted as Sum of (enlisted capacity for that manufacturing unit in previous ALMM list/ previous revision to ALMM List) and (enlisted capacity in the present revision)

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.

Dated: 22nd December 2025

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

- Ref:** (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR-Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;
(iv) MNRE's O.M. No. 32/33/2024-SPV Division dated 06.05.2025;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M.s referred at (ii), (iii) & (iv) above, inter-alia, directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	Application/Use	Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules	
		For c-Si technology based solar PV modules	For CdTe thin film technology based solar PV modules
Category-I	Utility/Grid Scale Power Plants	20.00%	19.00%
Category-II	Rooftop and Solar Pumping	19.50%	18.50%
Category-III	Off-grid projects/applications like solar lamps, solar lights, solar street lights, solar fans, etc. (other than solar powered agricultural pumps and solar PV rooftops) requiring individual capacity of each solar PV module deployed, to be of less than 200 Watt peak	18.00%	18.00%
		(not to be included in main ALMM List-I but to be included in a separate ALMM list called ALMM List-I (DRE))	
Category-IV	Any other application	19.00%	18.00%

3. Post the aforesaid O.M. dated 10.05.2023 and subsequent O.M.s dated 22.03.2024 and 06.05.2025, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 25.11.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XLV (*in the format of additions / modifications to Revision-XLIV*) is enclosed at Annexure-I. The last revision no. XLIV dated 25.11.2025 is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.



(Sanjay G. Karndhar)

Scientist-E

E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned

Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

A. Amendments/ Updatations in previous lists of ALMM List-I

1. **Revision XXXVI SI. No. 1 =>** Removal of Emmvee Unit-1 located in # 13/1, International Airport Road. Bettahalasur Post, Bengaluru - 562 157, India, from ALMM List-I for solar PV modules, as the BIS validity of the said manufacturing plant has already expired on 19.09.2025 and has not been renewed and the manufacturer has discontinued manufacturing operations at this location.

2. **Revision XLIV SI.No. 4 => M/s. Sirius Solar Energy Systems Pvt. Ltd. - Address Update**

Old Address:- PLOT NO.30 & 46, ALEAP INDUSTRIAL ESTATE, PRAGATHI NAGAR, GAJULARAMARAM, QUTUBULLAPUR MANDAL, Telangana, India - 500090

New Address:- PLOT NO: F33, SY.NO:70 & 174, IP SULTANPUR, PATANCHERU, SANGAREDDY- 502319, Telangana, India



B. New additions on 22.12.2025 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
1	M/s. Saatvik Solar Industries Private Limited (Capacity Addition)	Village Mohari, Tehsil-Shahabad, Markanda, Ambala Road District-Kurukshetra -136135, Haryana, India	R-91017981	3122	i	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE615-132TGG (615 Wp)	SGE600-132TGG	22.21	132 (Half Cut Cells)	1500	13.08.2025	12.08.2029
								SGE605-132TGG	22.40				
								SGE610-132TGG	22.58				
								SGE615-132TGG	22.77				
								SGE620-132TGG	22.95				
								SGE625-132TGG	23.14				
					ii	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE425-108TGG (425 Wp)	SGE410-108TGG	20.97	108 (Half Cut Cells)	1500		
								SGE415-108TGG	21.23				
								SGE420-108TGG	21.48				
								SGE425-108TGG	21.74				
								SGE430-108TGG	21.99				
								SGE435-108TGG	22.25				
					iii	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE475-120TGG (475 Wp)	SGE460-120TGG	21.22	120 (Half Cut Cells)	1500		
								SGE465-120TGG	21.45				
								SGE470-120TGG	21.68				
								SGE475-120TGG	21.91				
								SGE480-120TGG	22.14				
								SGE485-120TGG	22.37				
					iv	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE520-132TGG (520 Wp)	SGE490-120TGG	22.60	132 (Half Cut Cells)	1500		
								SGE510-132TGG	21.46				
								SGE515-132TGG	21.67				
								SGE520-132TGG	21.88				
								SGE525-132TGG	22.09				
								SGE530-132TGG	22.30				
					v	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE580-144TGG (580 Wp)	SGE535-132TGG	22.51	144 (Half Cut Cells)	1500		
								SGE560-144TGG	21.68				
								SGE565-144TGG	21.87				
								SGE570-144TGG	22.07				
								SGE575-144TGG	22.26				
								SGE580-144TGG	22.45				
								SGE585-144TGG	22.65				
								SGE590-144TGG	22.84				
								SGE595-144TGG	23.03				
								SGE600-144TGG	23.23				
					vi	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE615-156TGG (615 Wp)	SGE600-156TGG	21.47	156 (Half Cut Cells)	1500		
								SGE605-156TGG	21.65				
SGE610-156TGG	21.83												
SGE615-156TGG	22.01												
SGE620-156TGG	22.19												
SGE625-156TGG	22.37												
SGE630-156TGG	22.55												
2	M/s MKU Holdings Private Limited (Model Addition + Capacity Addition)	DTA-02, PLOT-16-17-20-21, AJMER ROAD, BAGRU, MAHINDRAWORLD CITY SEZ, SANGANER, JAIPUR, RAJASTHAN, 302039 RAJASTHAN,India-302039	R-84005282	1247	i	Bifacial N-Type TOPCon Module (Glass to Glass)	ACM-HD144N-600 (600 Wp)	ACM-HD144N-600	23.23	144 (Half Cut, Cells size 182.2 x 91.87 mm)	1500	27.03.2025	26.03.2029
								ACM-HD144N-595	23.03				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
3	M/s. Macwin Solar Energy Private Limited (New Addition in ALMM)	Block No-462, Near Kanhya showroom, Bhat Gam, Olpad, Olpad-Vadoli Road Surat - 394540, Gujarat, India	R-72012343	405	i	Bifacial N-Type TOPCon Module (Glass To Transparent Backsheet)	MSE_560 (560 Wp)	MSE_535	20.71	144 (Half Cut Cell)	1500	22.12.2025	21.12.2029
								MSE_540	20.90				
								MSE_545	21.10				
								MSE_550	21.29				
								MSE_555	21.48				
								MSE_560	21.68				
								MSE_565	21.87				
								MSE_570	22.07				
								MSE_575	22.26				
								MSE_580	22.45				
					ii	Bifacial N-Type TOPCon Module (Glass To Transparent Backsheet)	MSE_515 (515 Wp)	MSE_500	21.08	132 (Half Cut Cell)	1500		
								MSE_505	21.29				
								MSE_510	21.50				
								MSE_515	21.71				
								MSE_520	21.92				
								MSE_525	22.13				
								MSE_530	22.34				
					iii	Bifacial N-Type TOPCon Module (Glass To Transparent Backsheet)	MSE_480 (480 Wp)	MSE_460	21.26	120 (Half Cut Cell)	1500		
								MSE_465	21.49				
								MSE_470	21.72				
								MSE_475	21.95				
								MSE_480	22.18				
								MSE_485	22.42				
								MSE_490	22.65				
					iv	Bifacial N-Type TOPCon Module (Glass To Transparent Backsheet)	MSE_405 (405 Wp)	MSE_405	20.74	108 (Half Cut Cell)	1500		
					v	Bifacial N-Type TOPCon Module (Glass To Transparent Backsheet)	MSE_430 (430 Wp)	MSE_410	21.00	108 (Half Cut Cell)	1500		
								MSE_415	21.25				
								MSE_420	21.51				
MSE_425	21.76												
MSE_430	22.02												
MSE_435	22.28												
MSE_440	22.53												
MSE_445	22.79												
vi	Bifacial N-Type TOPCon Module (Glass To Transparent Backsheet)	MSE_355 (355 Wp)	MSE_355	20.35	96 (Half Cut Cell)	1500							
vii	Bifacial N-Type TOPCon Module (Glass To Transparent Backsheet)	MSE_375 (375 Wp)	MSE_360	20.64	96 (Half Cut Cell)	1500							
			MSE_365	20.93									
			MSE_370	21.21									
			MSE_375	21.50									
			MSE_380	21.79									
			MSE_385	22.07									
			MSE_390	22.36									
viii	Bifacial N-Type TOPCon Module	MSE_330 (330 Wp)	MSE_320	20.87	84 (Half Cut Cell)	1500							
			MSE_325	21.20									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						(Glass To Transparent Backsheet)		MSE_330 MSE_335 MSE_340 MSE_345	21.52 21.85 22.18 22.50				
					ix	Bifacial N-Type TOPCon Module (Glass To Transparent Backsheet)	MSE_280 (280 Wp)	MSE_270 MSE_275 MSE_280 MSE_285 MSE_290	20.38 20.76 21.14 21.52 21.89	72 (Half Cut Cell)	1500		
4	M/s. Waaree Energies Limited (Model Addition + Capacity Addition)	Survey No. 1934, 1939, 1941, 1942, NH-48, Degam, Chikhali, Navsari, Gujarat, India - 396530	R-72005533	16444	i	Bifacial Hetero-junction Monocrystalline Silicon (HJT) Module (Glass to Glass)	BiH-11-715 (715 Wp)	BiH-11-700 BiH-11-705 BiH-11-710 BiH-11-715 BiH-11-720 BiH-11-725 BiH-11-730	22.53 22.70 22.86 23.02 23.18 23.34 23.50	132 (Half Cut Cells) (Cell Size: 210 mm * 105 mm)	1500	18.08.2024	17.08.2028
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	BiN-03-695 (695 Wp)	BiN-03-680 BiN-03-685 BiN-03-690 BiN-03-695 BiN-03-700 BiN-03-705 BiN-03-710	21.89 22.05 22.21 22.37 22.53 22.70 22.86	132 (Half Cut Cells) (Cell Size: 210 mm * 105 mm)	1500		
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	BiN-21-620 (620 Wp)	BiN-21-600 BiN-21-605 BiN-21-610 BiN-21-615 BiN-21-620 BiN-21-625 BiN-21-630 BiN-21-635	22.21 22.40 22.58 22.77 22.95 23.14 23.32 23.51	132 (Half Cut Cells) (Cell Size: 105 mm * 182.3 mm)	1500		
					iv	Mono c-Si PERC Module (Glass to Backsheet)	WSM-130 (130 Wp)	WSM-130	19.09	36 (Half Cut Cells)(Cell Size: 91.1 mm * 182.2 mm)	1000		
					v	Mono c-Si PERC Module (Glass to Backsheet)	WSM-120 (120 Wp)	WSM-120	19.68	32 (Half Cut Cells)(Cell Size: 91.1 mm * 182.2 mm)	1000		
5	M/s EASTMAN GREEN TECHNOLOGIES PRIVATE LIMITED (New Addition in ALMM)	KHASRA NO.55//2,3/1,PANCHI UJARAN,NEAR HAPPY CHILD INTERNATIONAL,GANAUR, SONIPAT, HARYANA-131101	R-91019879	374	i	Bifacial Mono c-Si PERC Module(Glass to Transparent Backsheet) (Glass to Glass)	EBP144HCGB525 (525 Wp)	EBP144HCGB550 EBP144HCGB545 EBP144HCGB540 EBP144HCGB535 EBP144HCGB530 EBP144HCGB525 EBP144HCGB520 EBP144HCGB515 EBP144HCGB510 EBP144HCGB505 EBP144HCGB500	21.29 21.10 20.90 20.71 20.52 20.32 20.13 19.94 19.74 19.55 19.36	144 (Half Cut Cells)	1500	22.12.2025	21.12.2029

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Bifacial Mono c-Si PERC Module(Glass to Transparent Backsheet)	EBP144HCGB495 (495 Wp)	EBP144HCGB495	19.16	144 (Half Cut Cells)	1500		
					iii	Bifacial Mono c-Si PERC Module(Glass to Transparent Backsheet)	EBP132HCGB470 (470 Wp)	EBP132HCGB490	20.65	132 (Half Cut Cells)	1500		
				EBP132HCGB485				20.44					
				EBP132HCGB480				20.33					
				EBP132HCGB475				20.02					
				EBP132HCGB470				19.81					
				EBP132HCGB465				19.60					
						EBP132HCGB460	19.39						
					iv	Bifacial Mono c-Si PERC Module(Glass to Transparent Backsheet)	EBP120HCGB425 (425 Wp)	EBP120HCGB440	20.34	120 (Half Cut Cells)	1500		
				EBP120HCGB435				20.10					
				EBP120HCGB430				19.87					
				EBP120HCGB425				19.64					
				EBP120HCGB420				19.41					
				EBP120HCGB415				19.18					
					v	Bifacial Mono c-Si PERC Module(Glass to Transparent Backsheet)	EBP108HCGB385 (385 Wp)	EBP108HCGB400	20.48	108 (Half Cut Cells)	1500		
				EBP108HCGB390				19.97					
				EBP108HCGB385				19.72					
				EBP108HCGB380				19.46					
				EBP108HCGB375				19.20					
					vi	Bifacial Mono c-Si PERC Module(Glass to Transparent Backsheet)	EBP96HCGB345 (345 Wp)	EBP96HCGB360	20.64	96 (Half Cut Cells)	1500		
				EBP96HCGB355				20.35					
				EBP96HCGB350				20.07					
				EBP96HCGB345				19.78					
				EBP96HCGB340				19.49					
				EBP96HCGB335				19.21					
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	ETC156HCGG630 (630 Wp)	ETC156HCGG650	23.24	156 (Half Cut Cells)	1500		
				ETC156HCGG645				23.07					
				ETC156HCGG640				22.89					
				ETC156HCGG635				22.71					
				ETC156HCGG630				22.53					
				ETC156HCGG625				22.35					
				ETC156HCGG620				22.17					
				ETC156HCGG615				21.99					
				ETC156HCGG610				21.81					
				ETC156HCGG605				21.63					
								viii	Bifacial N-Type TOPCon Module (Glass to Glass)				
				ETC144HCGG595	23.03								
				ETC144HCGG590	22.84								
				ETC144HCGG585	22.65								
				ETC144HCGG580	22.45								
				ETC144HCGG575	22.26								
				ETC144HCGG570	22.07								
				ETC144HCGG565	21.87								
				ETC144HCGG560	21.68								
				ETC144HCGG555	21.48								
				ETC144HCGG550	21.29								
				ix	Bifacial N-Type	ETC144HCGG540 (540 Wp)	ETC144HCGG545	21.10	144 (Half Cut Cells)	1500			

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						TOPCon Module (Glass to Glass)	Wp)	ETC144HCGG540	20.90				
					x	Bifacial N-Type TOPCon Module (Glass to Glass)	ETC132HCGG510 (510 Wp)	ETC132HCGG535 ETC132HCGG530 ETC132HCGG525 ETC132HCGG520 ETC132HCGG515 ETC132HCGG510 ETC132HCGG505 ETC132HCGG500 ETC132HCGG495 ETC132HCGG490	22.55 22.34 22.13 21.92 21.71 21.50 21.29 21.08 20.87 20.65	132 (Half Cut Cells)	1500		
					xi	Bifacial N-Type TOPCon Module (Glass to Glass)	ETC120HCGG465 (465 Wp)	ETC120HCGG485 ETC120HCGG480 ETC120HCGG475 ETC120HCGG470 ETC120HCGG465 ETC120HCGG460 ETC120HCGG450 ETC120HCGG445	22.42 22.18 21.95 21.72 21.49 21.26 20.80 20.57	120 (Half Cut Cells)	1500		
					xii	Bifacial N-Type TOPCon Module (Glass to Glass)	ETC120HCGG440 (440 Wp)	ETC120HCGG440	20.34	120 (Half Cut Cells)	1500		
					xiii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	ETC156HCGB630 (630 Wp)	ETC156HCGB650 ETC156HCGB645 ETC156HCGB640 ETC156HCGB635 ETC156HCGB630 ETC156HCGB625 ETC156HCGB620 ETC156HCGB615 ETC156HCGB610 ETC156HCGB605	23.24 23.07 22.89 22.71 22.53 22.35 22.17 21.99 21.81 21.63	156 (Half Cut Cells)	1500		
					xiv	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	ETC144HCGB575 (575 Wp)	ETC144HCGB600 ETC144HCGB595 ETC144HCGB590 ETC144HCGB585 ETC144HCGB580 ETC144HCGB575 ETC144HCGB570 ETC144HCGB565 ETC144HCGB560 ETC144HCGB555 ETC144HCGB550	23.23 23.03 22.84 22.65 22.45 22.26 22.07 21.87 21.68 21.48 21.29	144 (Half Cut Cells)	1500		
					xv	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	ETC144HCGB540 (540 Wp)	ETC144HCGB545 ETC144HCGB540	21.10 20.90	144 (Half Cut Cells)	1500		
					xvi	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	ETC132HCGB510 (510 Wp)	ETC132HCGB535 ETC132HCGB530 ETC132HCGB525	22.55 22.34 22.13	132 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						Backsheet)		ETC132HCGB520	21.92				
								ETC132HCGB515	21.71				
								ETC132HCGB510	21.50				
								ETC132HCGB505	21.29				
								ETC132HCGB500	21.08				
								ETC132HCGB495	20.87				
								ETC132HCGB490	20.65				
					xvii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	ETC120HCGB465 (465 Wp)	ETC120HCGB485	22.42	120 (Half Cut Cells)	1500		
								ETC120HCGB480	22.18				
								ETC120HCGB475	21.95				
								ETC120HCGB470	21.72				
								ETC120HCGB465	21.49				
								ETC120HCGB460	21.26				
								ETC120HCGB450	20.80				
								ETC120HCGB445	20.57				
					xviii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	ETC120HCGB440 (440 Wp)	ETC120HCGB440	20.34	120 (Half Cut Cells)	1500		
6	M/s. Rayzon Solar Limited (New Addition in ALMM)	Block No.172/1, Sub Plot No. 02, B/S Eminent Paper Industries, Sava Mangrol, Surat - 394120, Gujarat, India.	R-72014702	5659	i	Bifacial N-Type TOPCon Modules (Glass to Glass)	RS600144TGC-600 (600 Wp)	RS620144TGC	24.02	144 (Half Cut Cells)	1500	22.12.2025	21.12.2029
								RS615144TGC	23.83				
								RS610144TGC	23.63				
								RS605144TGC	23.44				
								RS600144TGC	23.25				
								RS595144TGC	23.05				
								RS590144TGC	22.86				
								RS585144TGC	22.67				
								RS580144TGC	22.47				
								RS575144TGC	22.28				
7	M/s. Frontier Energy Private Limited (New Addition in ALMM)	B2 Kothur Logistic Park, TSIC Industrial Development, Kothur B, TSSI Industrial Park, Hyderabad Ranga Reddy Telangana,India-509228	R-63005045	548	i	Bifacial N-Type TOPCon Module (Glass to Glass)	FE156_620TG (620 Wp)	FE156_605TG	21.63	156 (Half Cut Cells)	1500	22.12.2025	21.12.2029
								FE156_610TG	21.81				
								FE156_615TG	21.99				
								FE156_620TG	22.17				
								FE156_625TG	22.35				
								FE156_630TG	22.53				
								FE156_635TG	22.71				
								FE156_640TG	22.89				
								FE156_645TG	23.07				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	FE144_565TG (565Wp)	FE144_540TG	20.90	144 (Half Cut Cells)	1500		
								FE144_545TG	21.10				
								FE144_550TG	21.29				
								FE144_555TG	21.48				
								FE144_560TG	21.68				
								FE144_565TG	21.87				
								FE144_570TG	22.07				
								FE144_575TG	22.26				
								FE144_580TG	22.45				
								FE144_585TG	22.65				
								FE144_590TG	22.84				
					iii	Bifacial N-Type TOPCon Module	FE132_515TG (515Wp)	FE132_490TG	20.65	132 (Half Cut Cells)	1500		
								FE132_495TG	20.87				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						(Glass to Glass)		FE132_500TG FE132_505TG FE132_510TG FE132_515TG FE132_520TG FE132_525TG FE132_530TG FE132_535TG	21.08 21.29 21.50 21.71 21.92 22.13 22.34 22.55				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	FE120_465TG (465Wp)	FE120_445TG FE120_450TG FE120_460TG FE120_465TG FE120_470TG FE120_475TG FE120_480TG FE120_485TG	20.57 20.80 21.26 21.49 21.72 21.95 22.18 22.42	120 (Half Cut Cells)	1500		
8	M/s ZNSHINE SOLARWORLD PRIVATE LIMITED (New Addition in ALMM)	KH. NO. 132, 137, 138, 139M & 147, VARDHMAN INDUSTRIAL ESTATE, VILLAGE BAHADARPUR SAINI, NEAR PATANJALI YOGPEETH, TEH: ROORKEE, HARIDWAR, UTTARAKHAND, India-249401	R-83012947	1552	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SW-DG156THC-625W (625 Wp)	SW-DG156THC-645W SW-DG156THC-640W SW-DG156THC-635W SW-DG156THC-630W SW-DG156THC-625W SW-DG156THC-620W SW-DG156THC-615W SW-DG156THC-610W SW-DG156THC-605W SW-DG156THC-600W	23.07 22.90 22.72 22.54 22.36 22.18 22.00 21.82 21.64 21.46	156 (Half Cut Cells) 182.2 mm X 91.875 mm	1500	22.12.2025	21.12.2029
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SW-DG144THC-585W (585 Wp)	SW-DG144THC-600W SW-DG144THC-595W SW-DG144THC-590W SW-DG144THC-585W SW-DG144THC-580W SW-DG144THC-575W SW-DG144THC-570W	23.23 23.03 22.84 22.65 22.45 22.26 22.07	144 (Half Cut cells) 182.2 mm X 91.875 mm	1500		
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	SW-DG132THC-685W (685 Wp)	SW-DG132THC-715W SW-DG132THC-710W SW-DG132THC-705W SW-DG132THC-700W SW-DG132THC-695W SW-DG132THC-690W SW-DG132THC-685W SW-DG132THC-680W SW-DG132THC-675W SW-DG132THC-670W SW-DG132THC-665W SW-DG132THC-660W SW-DG132THC-655W SW-DG132THC-650W	23.02 22.86 22.70 22.53 22.37 22.21 22.05 21.89 21.73 21.57 21.41 21.25 21.09 20.92	132 (Half Cut cells) 210 mm X 105 mm	1500		
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	SW-DG132THC-610W (610 Wp)	SW-DG132THC-640W SW-DG132THC-635W SW-DG132THC-630W SW-DG132THC-625W	23.69 23.51 23.32 23.14	132 (Half Cut cells) 182.3 mm X 105 mm	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								SW-DG132THC-620W	22.95				
								SW-DG132THC-615W	22.77				
								SW-DG132THC-610W	22.58				
								SW-DG132THC-605W	22.40				
								SW-DG132THC-600W	22.21				
								SW-DG132THC-595W	22.03				
								SW-DG132THC-590W	21.84				
								SW-DG132THC-585W	21.66				
								SW-DG132THC-580W	21.47				
9	M/s Goldi Sun Private Limited (New Addition in ALMM)	BLOCK/ SURVEY NO 252/P2, CITY SURVEY NO NA251, NA248/P2, NA246,NA250,NA249,NA241, NATIONAL HIGHWAY-48, TA, MANGROL, NA, GUJARAT, INDIA -394115	R-72014966	3384	i	Bifacial N-Type TOPCon Module (Glass to Glass)	LR8-GS-66HGD-630 (630 Wp)	LR8-GS-66HGD-600	22.40	132 (Half Cut Cells)	1500	22.12.2025	21.12.2029
								LR8-GS-66HGD-605	22.40				
								LR8-GS-66HGD-610	22.58				
								LR8-GS-66HGD-615	22.77				
								LR8-GS-66HGD-620	22.95				
								LR8-GS-66HGD-625	23.14				
								LR8-GS-66HGD-630	23.32				
								LR8-GS-66HGD-635	23.51				
10	M/s Fujiyama Power Systems Limited (Formerly Fujiyama Power Systems Private Limited) (Model Addition)	51,52,SECTOR-ECOTECH-1,ECOTECH EXTN-1,GREATER NOIDA,GAUTAM BUDDHA NAGAR,UTTAR PRADESH, India 201310	R-93037940	355	i	Bifacial N-Type TOPCon Module (Glass to Glass)	FPS590-144GT (590 Wp)	FPS590-144GT	22.87	144 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								FPS585-144GT	22.68				
								FPS580-144GT	22.48				
								FPS575-144GT	22.29				
								FPS570-144GT	22.09				
								FPS560-144GT	21.71				
								FPS550-144GT	21.32				
					ii	Bifacial N-Type TOPCon Module (Glass to Backsheet)	FPS590-144BT (590 Wp)	FPS590-144BT	22.87	144 (Half Cut Cells)	1500		
								FPS585-144BT	22.68				
								FPS580-144BT	22.48				
								FPS575-144BT	22.29				
								FPS570-144BT	22.09				
								FPS560-144BT	21.71				
								FPS555-144BT	21.51				
								FPS550-144BT	21.32				
					iii	Bifacial N-Type TOPCon Module (Glass to Backsheet)	FPS525-132BT (525 Wp)	FPS525-132BT	21.91	132 (Half Cut Cells)	1500		
			R-93022209		iv	Bifacial N-Type TOPCon Module (Glass to Backsheet)	UTL510-132BT (510 Wp)	UTL490-132BT	20.66	132 (Half Cut Cells)	1500		
								UTL495-132BT	20.87				
								UTL500-132BT	21.08				
								UTL510-132BT	21.51				
								UTL515-132BT	21.72				
								UTL520-132BT	21.93				
					v	Bifacial N-Type TOPCon Module (Glass to Backsheet)	UTL540-132BT (540 Wp)	UTL530-132BT	22.35	132 (Half Cut Cells)	1500		
								UTL535-132BT	22.56				
								UTL540-132BT	22.77				
								UTL545-132BT	22.98				
								UTL550-132BT	23.19				
								UTL555-132BT	23.40				
								UTL560-132BT	23.62				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity							
												From	To (subject to valid BIS Registration; else deemed to be delisted)						
11	M/s Waaree Energies Limited (Model Addition)	SURVEY NO. 38/1,TUMB VILLAGE, UMBERGAON TALUKA, VALSAD, GUJARAT, India, 396150	R-72002038	1095	i	Bifacial Mono c-Si PERC Module (Glass to Glass)	Bi-62-490 (490 Wp)	Bi-62-480	20.28	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028						
								Bi-62-485	20.49										
								Bi-62-490	20.70										
								Bi-62-495	20.91										
								Bi-62-500	21.13										
12	M/s GREEN VALLEY MOTORS (New Addition in ALMM)	10, LILUAH, BELUR ROAD, HOWRAH, WEST BENGAL-711204, India	R-51003239	34	i	N- Type TOPCon Module (Glass to Transparent Backsheet)	GVM156TB-605 (605 Wp)	GVM156TB-630	22.53	156 (Half Cut Cells)	1500	22.12.2025	21.12.2029						
								GVM156TB-625	22.35										
								GVM156TB-620	22.17										
								GVM156TB-615	21.99										
								GVM156TB-610	21.81										
								GVM156TB-605	21.63										
								GVM156TB-600	21.46										
								GVM156TB-595	21.28										
								GVM156TB-590	21.10										
								GVM156TB-585	20.92										
								GVM156TB-580	20.74										
								GVM156TB-575	20.56										
								ii	N- Type TOPCon Module (Glass to Transparent Backsheet)					GVM144TB-545 (545 Wp)	GVM144TB-570	22.07	144 (Half Cut Cells)	1500	
															GVM144TB-565	21.87			
															GVM144TB-560	21.68			
					GVM144TB-555	21.48													
					GVM144TB-550	21.29													
					GVM144TB-545	21.10													
					GVM144TB-540	20.90													
					GVM144TB-535	20.71													
					GVM144TB-530	20.52													
					GVM144TB-525	20.32													
					iii	N- Type TOPCon Module (Glass to Transparent Backsheet)	GVM132TB-490 (490 WP)	GVM132TB-510	21.48	132 (Half Cut Cells)	1500								
								GVM132TB-500	21.06										
								GVM132TB-495	20.85										
								GVM132TB-490	20.64										
								GVM132TB-480	20.21										
								GVM132TB-475	20.00										
								GVM132TB-470	19.79										
								GVM132TB-465	19.58										
					iv	N- Type TOPCon Module (Glass to Transparent Backsheet)	GVM120TB-435 (435 Wp)	GVM120TB-450	20.79	120 (Half Cut Cells)	1500								
								GVM120TB-445	20.56										
								GVM120TB-440	20.33										
								GVM120TB-435	20.09										
								GVM120TB-430	19.86										
								GVM120TB-425	19.63										
								GVM120TB-420	19.40										
								GVM120TB-415	19.17										
					v	N- Type TOPCon Module (Glass to Transparent Backsheet)	GVM108TB-390 (390 Wp)	GVM108TB-405	20.74	108 (Half Cut Cells)	1500								
								GVM108TB-400	20.48										
								GVM108TB-395	20.23										
								GVM108TB-390	19.97										
								GVM108TB-385	19.72										
								GVM108TB-380	19.47										
								GVM108TB-375	19.20										

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
13	M/s INOX SOLAR LIMITED (New Addition in ALMM)	B500, BHAYALA, BAVLA TALUKA, KERALA GIDC, AHMEDABAD, GUJARAT-382240	R-72015016	1274	i	N-Type TOPCon Module (Glass to Transparent Backsheet)	ISL 156 NM10R 620 (620 Wp)	ISL 156 NM10R 610	21.82	156 (Half Cut Cells)	1500	22.12.2025	21.12.2029
								ISL 156 NM10R 615	22.00				
								ISL 156 NM10R 620	22.18				
								ISL 156 NM10R 625	22.36				
								ISL 156 NM10R 630	22.54				
								ISL 156 NM10R 635	22.72				
								ISL 156 NM10R 640	22.90				
								ISL 156 NM10R 645	23.07				
14	M/s Australian Premium Solar (India) Ltd (Model Addition + Capacity Addition)	Tajpur, NH-08, TA:Prantij, Dist.: Sabarkantha, GUJARAT,India-383205	R-72001791	622	i	N-Type TOPCon Module	APSTM-425/108 (425 Wp)	APSTM-405/108	20.74	108 (Half Cut Cells)	1500	01.09.2023	31.08.2027
								APSTM-410/108	21.00				
								APSTM-415/108	21.25				
								APSTM-420/108	21.51				
								APSTM-425/108	21.76				
								APSTM-430/108	22.02				
								APSTM-435/108	22.28				
								APSTM-440/108	22.53				
					ii	N-Type TOPCon Module	APSTM-460/120 (460 Wp)	APSTM-445/120	20.57	120 (Half Cut Cells)	1500		
								APSTM-450/120	20.80				
								APSTM-455/120	21.03				
								APSTM-460/120	21.26				
								APSTM-465/120	21.49				
								APSTM-470/120	21.72				
								APSTM-475/120	21.95				
								APSTM-480/120	22.18				
					iii	N-Type TOPCon Module	APSTM-485/120 (485 Wp)	APSTM-485/120	22.42	120 (Half Cut Cells)	1500		
								APSTM-490/120	22.65				
								APSTM-495/132	20.86				
								APSTM-500/132	21.07				
					iv	N-Type TOPCon Module	APSTM-515/132 (515 Wp)	APSTM-505/132	21.28	132 (Half Cut Cells)	1500		
								APSTM-510/132	21.49				
								APSTM-515/132	21.70				
								APSTM-520/132	21.91				
								APSTM-525/132	22.12				
								APSTM-530/132	22.33				
								APSTM-535/132	22.54				
								APSTM-540/132	22.75				
								APSTM-545/144	21.10				
								APSTM-550/144	21.29				
								APSTM-555/144	21.48				
								APSTM-560/144	21.68				
v	N-Type TOPCon Module	APSTM-565/144 (565 Wp)	APSTM-565/144	21.87	144 (Half Cut Cells)	1500							
			APSTM-570/144	22.07									
			APSTM-575/144	22.26									
			APSTM-580/144	22.45									
			SL144GTG-600 T (600 Wp)	23.06									
			SL144GTG-595 T	23.26									
			SL144GTG-600 T	23.26									
			SL144GTG-600 T	23.26									
15	M/s. SAEL SOLAR MFG. PRIVATE LIMITED (Model Addition + Capacity Addition)	VILLAGE HUKUMAT SINGH WALA, FEROZEPUR MOGA ROAD, FEROZEPUR,PUNJAB , FEROZEPUR-142052, India	R-97001058	220	i	N-Type TOPCon Module	SL144GTG-600 T (600 Wp)	SL144GTG-595 T	23.06	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SL144GTG-600 T	23.26				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
16	M/s. Insolation Green Energy Private Limited (Model Addition + Capacity Addition)	Khasra No. 4205/3454, 4207/3460, 3447-3452, 4383/3458, 3488 -3498,3500 -3509, 3511, Village - Sawarda Teh - Mauzamabad - 303348, Dudu, Rajasthan,India	R-84005622	2791	i	Bifacial N-Type TOPCon Module (Glass to Glass)	INA132T210RGGF615 (615 Wp)	INA132T210RGGF635	23.51	132 (Half Cut Cells)	1500	13.10.2025	12.10.2029
								INA132T210RGGF630	23.32				
								INA132T210RGGF625	23.14				
								INA132T210RGGF620	22.95				
								INA132T210RGGF615	22.77				
								INA132T210RGGF610	22.58				
								INA132T210RGGF605	22.40				
INA132T210RGGF600	22.21												

Note: In case of model inclusion or capacity addition / change, through revision in ALMM List, the capacity mentioned against any manufacturing unit, as appearing in the said Revision to the ALMM List, shall be the ALMM enlisted manufacturing capacity for that manufacturing unit (from the date of the said revision), and the capacity enlisted for that manufacturing unit should not be interpreted as Sum of (enlisted capacity for that manufacturing unit in previous ALMM list/ previous revision to ALMM List) and (enlisted capacity in the present revision)

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.

Dated: 25th November 2025

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

- Ref:** (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR–Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;
(iv) MNRE's O.M. No. 32/33/2024-SPV Division dated 06.05.2025;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M.s referred at (ii), (iii) & (iv) above, inter-alia, directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	Application/Use	Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules	
		For c-Si technology based solar PV modules	For CdTe thin film technology based solar PV modules
Category-I	Utility/Grid Scale Power Plants	20.00%	19.00%
Category-II	Rooftop and Solar Pumping	19.50%	18.50%
Category-III	Off-grid projects/applications like solar lamps, solar lights, solar street lights, solar fans, etc. (other than solar powered agricultural pumps and solar PV rooftops) requiring individual capacity of each solar PV module deployed, to be of less than 200 Watt peak	18.00%	18.00%
		(not to be included in main ALMM List-I but to be included in a separate ALMM list called ALMM List-I (DRE))	
Category-IV	Any other application	19.00%	18.00%

3. Post the aforesaid O.M. dated 10.05.2023 and subsequent O.M.s dated 22.03.2024 and 06.05.2025, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 13.10.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XLIV (*in the format of additions / modifications to Revision-XLIII*) is enclosed at Annexure-I. The last revision no. XLIII dated 13.10.2025 is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.

(Sanjay G. Karndhar)
Scientist-E

E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned

Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

New additions on 25.11.2025 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order													
S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
1	M/s. SAEL Solar P6 Private Limited (Model Addition)	Land Kh. No. 354/2, New Kh. No. 844/354, Village Patan, Tehsil Kishangarh, Ajmer - 305801, Rajasthan, India	R-84004898	2374	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SL144GTG-585 T (585 Wp)	SL144GTG-585 T	22.68	144 (Half Cut Cells)	1500	14.10.2024	13.10.2028
								SL144GTG-590 T	22.87				
								SL144GTG-595 T	23.06				
								SL144GTG-600 T	23.26				
2	M/s. Matri Shree Techno Industries (Model Addition)	Dhauha Mirpur Chunar Mirzapur – 231305, Uttar Pradesh, India	R-93006483	49	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS 210M (210 Wp)	GS 210M	20.41	72 (Half Cut Cells)	1000	13.08.2025	12.08.2029
								GS 210M12	20.41				
								GS 200M12	19.44				
3	M/s. Sahaj Solar Limited (Model Addition under Co-ALMM)	Co-ALMM with M/s. Cosmic PV Power Private Limited Manufacturing Address: Survey No. 1605/1, Block No. 2098/1/B, Tadkeshvar, Mandavi, Surat- 394170, Gujarat, India	R-72013617	25 (As per CoBranding Agreement)	ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SS TOP-585 (585 Wp)	SS TOP-600	23.22	144 (Half Cut Cells)	1500	25.11.2025	23.06.2027
								SS TOP-595	23.03				
								SS TOP-590	22.86				
								SS TOP-585	22.67				
								SS TOP-580	22.47				
								SS TOP-575	22.28				
								SS TOP-570	22.08				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	SS TOP-535 (535 Wp)	SS TOP-550	22.91	132 (Half Cut Cells)	1500		
								SS TOP-545	22.82				
								SS TOP-540	22.74				
								SS TOP-535	22.53				
								SS TOP-530	22.32				
								SS TOP-525	22.10				
SS TOP-520	21.90												
4	M/s. Sirius Solar Energy Systems Pvt Ltd (New Addition in ALMM)	PLOT NO: 30 & 46, ALEAP Industrial Estate, Pragathi Nagar, Gajularamaram, Qutubullapur Mandal, Telangana, India 500090	R-63002038	67	i	Mono c-Si PERC Module	SS144-530MH (530 Wp)	SS144-550MH	21.28	144 (Half Cut Cells)	1500	25.11.2025	24.11.2029
								SS144-545MH	21.09				
								SS144-540MH	20.89				
								SS144-535MH	20.70				
								SS144-530MH	20.51				
								SS144-525MH	20.70				
								SS144-520MH	20.12				
								SS144-515MH	19.93				
					SS144-510MH	19.73							
					ii	Mono c-Si PERC Module	SS132-490MH (490 Wp)	SS132-505MH	21.28	132 (Half Cut Cells)	1500		
								SS132-500MH	21.07				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity								
												From	To (subject to valid BIS Registration; else deemed to be delisted)							
								SS132-495MH	20.86											
								SS132-490MH	20.64											
								SS132-485MH	20.43											
								SS132-480MH	20.22											
								SS132-470MH	19.80											
					iii	Mono c-Si PERC Module	SS120-440MH (440 Wp)	SS120-460MH	21.26	120 (Half Cut Cells)	1500									
					SS120-450MH	20.80														
					SS120-440MH	20.34														
					SS120-430MH	19.87														
					SS120-420MH	19.41														
					iv	Mono c-Si PERC Module	SS108-400MH (400 Wp)	SS108-410MH	21.00	108 (Half Cut Cells)	1500									
					SS108-400MH	20.48														
					SS108-390MH	19.97														
					SS108-380MH	19.46														
					v	Mono c-Si PERC Module	SS96-350MH (350 Wp)	SS96-360MH	20.67	96 (Half Cut Cells)	1500									
					SS96-350MH	20.09														
					SS96-340MH	19.52														
					vi	Mono c-Si PERC Module	SS72-260MH (260 Wp)	SS72-270MH	19.84	72 (Half Cut Cells)	1500									
					SS72-260MH	19.11														
					5	M/s. Sova Solar Limited (Model Addition + Capacity Addition)	Layout Plot No: 25, E.P.I.P, Banskopa,Durgapur - 713212, West Bengal, India	R-51000590	1368	i	Bifacial N-Type TOPCon Module (Glass to Glass)			SS595144HCGT (595 Wp)	SS600144HCGT	23.26	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					SS595144HCGT	23.06														
SS590144HCGT	22.87																			
SS585144HCGT	22.68																			
6	M/s. Navitas Solar Private Limited (Model Addition + Capacity Addition)	371,371/B,372, 373/A/B, 374/A/B, 334/A, 375, 377, Sisodra, Ankleshwar - 394810, Gujarat, India	R-72011657	1142	i	Bifacial N-Type TOPCon Module (Glass to Glass)	NSG BFT132-G12R-630 (630 Wp)	NSG BFT132-G12R-605	22.39	132 (Half Cut Cells) Cell Size: 182.2mm*105mm	1500	27.03.2025	26.03.2029							
NSG BFT132-G12R-610	22.58																			
NSG BFT132-G12R-615	22.76																			
NSG BFT132-G12R-620	22.95																			
NSG BFT132-G12R-625	23.13																			
NSG BFT132-G12R-630	23.32																			
NSG BFT132-G12R-635	23.50																			
NSG BFT132-G12R-640	23.69																			
NSG BFT132-G12R-645	23.87																			
NSG BFT132-G12R-650	24.06																			
NSG BFT132-G12R-655	24.24																			
ii	Bifacial N-Type TOPCon Module (Glass to Glass)	NSG-BFT120-G12R-570 (570 Wp)	NSG-BFT120-G12R-550	22.33	120 (Half Cut Cells) Cell Size: 182.2mm*105mm	1500														
NSG-BFT120-G12R-555	22.53																			
NSG-BFT120-G12R-560	22.74																			

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								NSG-BFT120-G12R-565	22.94				
								NSG-BFT120-G12R-570	23.14				
								NSG-BFT120-G12R-575	23.35				
								NSG-BFT120-G12R-580	23.55				
								NSG-BFT120-G12R-585	23.75				
								NSG BFT120-G12R-590	23.95				
								NSG-BFT120-G12R-595	24.16				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	NSG-BFT108-G12R 515 (515 Wp)	NSG-BFT108-G12R-495	22.27	108 (Half Cut Cells) Cell Size: 182.2mm*105mm	1500		
							NSG-BFT108-G12R-500	22.50					
							NSG-BFT108-G12R-505	22.72					
							NSG-BFT108-G12R-510	22.95					
							NSG-BFT108-G12R 515	23.17					
							NSG-BFT108-G12R-520	23.40					
							NSG-BFT108-G12R-525	23.62					
							NSG-BFT108-G12R-530	23.85					
							NSG-BFT108-G12R-535	24.07					
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	NSG-BFT96-G12R-455 (455 Wp)	NSG-BFT96-G12R-440	22.20	96 (Half Cut Cells) Cell Size: 182.2mm*105mm	1500		
							NSG-BFT96-G12R-445	22.45					
							NSG-BFT96-G12R-450	22.70					
							NSG-BFT96-G12R-455	22.95					
							NSG-BFT96-G12R-460	23.21					
							NSG-BFT96-G12R-465	23.46					
							NSG-BFT96-G12R-470	23.71					
							NSG-BFT96-G12R-475	23.96					
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	NSG-BFT84-G12R-400 (400 Wp)	NSG-BFT84-G12R-385	22.09	84 (Half Cut Cells) Cell Size: 182.2mm*105mm	1500		
							NSG-BFT84-G12R-390	22.38					
							NSG-BFT84-G12R-395	22.66					
							NSG-BFT84-G12R-400	22.95					
							NSG-BFT84-G12R-405	23.24					
							NSG-BFT84-G12R-410	23.52					
							NSG-BFT84-G12R-415	23.81					
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	NSG-BFT72-G12R-340 (340 Wp)	NSG-BFT72 G12R-330	21.95	72 (Half Cut Cells) Cell Size: 182.2mm*105mm	1500		
							NSG-BFT72-G12R-335	22.28					
							NSG-BFT72-G12R-340	22.61					
							NSG-BFT72-G12R-345	22.94					
							NSG-BFT72-G12R-350	23.28					
							NSG-BFT72-G12R-355	23.61					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	NSG-BFT60-G12R-285 (285Wp)	NSG-BFT60-G12R-275 NSG-BFT60-G12R-280 NSG-BFT60-G12R-285 NSG-BFT60-G12R-290 NSG-BFT60-G12R-295	21.75 22.14 22.54 22.94 23.33	60 (Half Cut Cells) Cell Size: 182.2mm*105mm	1500		
7	M/s. Avaada Electro Private Limited (Capacity Addition)	A-67, MIDC Road, Additional Butibori Industrial Area, Nagpur-441108, Maharashtra, India	R-71040312	6909	i	Bifacial N Type TOPCon Module (Glass to Glass)	AVN66G12G710 (710 Wp)	AVN66G12G720 AVN66G12G715 AVN66G12G710 AVN66G12G705 AVN66G12G700	23.18 23.02 22.86 22.70 22.53	132 (Half Cut Cells) (Cell Size: 210 mm * 105 mm)	1500	05.06.2025	04.06.2029
					ii	Bifacial N Type TOPCon Module (Glass to Glass)	AVN60G12G640 (640 Wp)	AVN60G12G650 AVN60G12G645 AVN60G12G640 AVN60G12G635 AVN60G12G630	22.97 22.79 22.61 22.44 22.26	120 (Half Cut Cells) (Cell Size: 210 mm * 105 mm)	1500		
					iii	Bifacial N Type TOPCon Module (Glass to Glass)	AVN66G12RG620 (620 Wp)	AVN66G12RG630 AVN66G12RG625 AVN66G12RG620 AVN66G12RG615 AVN66G12RG610	23.32 23.14 22.95 22.77 22.58	132 (Half Cut Cells) (Cell Size: 182 mm * 105 mm)	1500		
					iv	Bifacial N Type TOPCon Module (Glass to Glass)	AVN60G12RG560 (560 Wp)	AVN60G12RG570 AVN60G12RG565 AVN60G12RG560 AVN60G12RG555 AVN60G12RG550	23.14 22.94 22.74 22.53 22.33	120 (Half Cut Cells) (Cell Size: 182 mm * 105 mm)	1500		
8	M/s. Jeem Energy Private Limited (New Addition in ALMM)	Plot no 1 to 4, Sur No. 211, UKERDA Naknam road, Near Ramdoot Alloy Moviya, Paddhari Rajkot, Gujarat, India - 360110	R-72013773	172	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	JE-10MB-BF156-580 (580 Wp)	JE-10MB-BF156-600 JE-10MB-BF156-595 JE-10MB-BF156-590 JE-10MB-BF156-585 JE-10MB-BF156-580 JE-10MB-BF156-575 JE-10MB-BF156-570 JE-10MB-BF156-565 JE-10MB-BF156-560	21.46 21.28 21.10 20.92 20.74 20.56 20.38 20.20 20.03	156 (Half Cut Cells)	1500	25.11.2025	24.11.2029
					ii	Mono c-Si PERC Module	JE-10MB-MF156-580 (580 Wp)	JE-10MB-MF156-600 JE-10MB-MF156-595 JE-10MB-MF156-590	21.46 21.28 21.10	156 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								JE-10MB-MF156-585	20.92				
								JE-10MB-MF156-580	20.74				
								JE-10MB-MF156-575	20.56				
								JE-10MB-MF156-570	20.38				
								JE-10MB-MF156-565	20.20				
								JE-10MB-MF156-560	20.03				
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	JE-10MB-BF144-535 (535 Wp)	JE-10MB-BF144-550	21.29	144 (Half Cut Cells)	1500		
							JE-10MB-BF144-545	21.10					
							JE-10MB-BF144-540	20.90					
							JE-10MB-BF144-535	20.71					
							JE-10MB-BF144-530	20.52					
							JE-10MB-BF144-525	20.32					
							JE-10MB-BF144-520	20.13					
					iv	Mono c-Si PERC Module	JE-10MB-MF144-535 (535 Wp)	JE-10MB-MF144-550	21.29	144 (Half Cut Cells)	1500		
							JE-10MB-MF144-545	21.10					
							JE-10MB-MF144-540	20.90					
							JE-10MB-MF144-535	20.71					
							JE-10MB-MF144-530	20.52					
							JE-10MB-MF144-525	20.32					
							JE-10MB-MF144-520	20.13					
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	JE-10MB-BF132-490 (490 Wp)	JE-10MB-BF132-510	21.50	132 (Half Cut Cells)	1500		
							JE-10MB-BF132-505	21.29					
							JE-10MB-BF132-500	21.08					
							JE-10MB-BF132-495	20.87					
							JE-10MB-BF132-490	20.65					
							JE-10MB-BF132-485	20.44					
							JE-10MB-BF132-480	20.23					
							JE-10MB-BF132-475	20.02					
							JE-10MB-BF132-470	19.81					
					vi	Mono c-Si PERC Module	JE-10MB-MF132-490 (490 Wp)	JE-10MB-MF132-510	21.50	132 (Half Cut Cells)	1500		
							JE-10MB-MF132-505	21.29					
							JE-10MB-MF132-500	21.08					
							JE-10MB-MF132-495	20.87					
							JE-10MB-MF132-490	20.65					
							JE-10MB-MF132-485	20.44					
							JE-10MB-MF132-480	20.23					
							JE-10MB-MF132-475	20.02					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								JE-10MB-MF132-470	19.81				
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	JE-10MB-BF120-440 (440 Wp)	JE-10MB-BF120-460	21.26	120 (Half Cut Cells)	1500		
							JE-10MB-BF120-455	21.03					
							JE-10MB-BF120-450	20.80					
							JE-10MB-BF120-445	20.57					
							JE-10MB-BF120-440	20.34					
							JE-10MB-BF120-435	20.10					
							JE-10MB-BF120-430	19.87					
							JE-10MB-BF120-425	19.64					
							JE-10MB-BF120-420	19.41					
					viii	Mono c-Si PERC Module	JE-10MB-MF120-440 (440 Wp)	JE-10MB-MF120-460	21.26	120 (Half Cut Cells)	1500		
							JE-10MB-MF120-455	21.03					
							JE-10MB-MF120-450	20.80					
							JE-10MB-MF120-445	20.57					
							JE-10MB-MF120-440	20.34					
							JE-10MB-MF120-435	20.10					
							JE-10MB-MF120-430	19.87					
							JE-10MB-MF120-425	19.64					
							JE-10MB-MF120-420	19.41					
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	JE-10MB-BF108-400 (400 Wp)	JE-10MB-BF108-415	21.15	108 (Half Cut Cells)	1500		
							JE-10MB-BF108-410	20.90					
							JE-10MB-BF108-405	20.64					
							JE-10MB-BF108-400	20.39					
							JE-10MB-BF108-395	20.13					
							JE-10MB-BF108-390	19.88					
							JE-10MB-BF108-385	19.62					
							JE-10MB-BF108-380	19.37					
					x	Mono c-Si PERC Module	JE-10MB-MF108-400 (400 Wp)	JE-10MB-MF108-415	21.15	108 (Half Cut Cells)	1500		
							JE-10MB-MF108-410	20.90					
							JE-10MB-MF108-405	20.64					
							JE-10MB-MF108-400	20.39					
							JE-10MB-MF108-395	20.13					
							JE-10MB-MF108-390	19.88					
							JE-10MB-MF108-385	19.62					
							JE-10MB-MF108-380	19.37					
					xi	Bifacial Mono c-Si PERC Module (Glass to Transparent	JE-10MB-BF72-270 (270 Wp)	JE-10MB-BF72-275	20.76	72 (Half Cut Cells)	1500		
							JE-10MB-BF72-270	20.38					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						Backsheet)		JE-10MB-BF72-265	20.01				
					xii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	JE-10MB-BF72-255 (255 Wp)	JE-10MB-BF72-260 JE-10MB-BF72-255	19.63 19.25	72 (Half Cut Cells)	1500		
					xiii	Mono c-Si PERC Module	JE-10MB-MF72-270 (270 Wp)	JE-10MB-MF72-275 JE-10MB-MF72-270 JE-10MB-MF72-265	20.76 20.38 20.01	72 (Half Cut Cells)	1500		
					xiv	Mono c-Si PERC Module	JE-10MB-MF72-255 (255 Wp)	JE-10MB-MF72-260 JE-10MB-MF72-255	19.63 19.25	72 (Half Cut Cells)	1500		
					xv	Mono c-Si PERC Module	JE-10MB-MF36-135 (135 Wp)	JE-10MB-MF36-135 JE-10MB-MF36-130	19.84 19.11	36 (Half Cut Cells)	1500		
					xvi	Mono c-Si PERC Module	JE-10MB-MF36-125 (125 Wp)	JE-10MB-MF36-125 JE-10MB-MF36-120	19.79 19.00	36 (Half Cut Cells)	1500		
					xvii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	JE-10MB-BF36-135 (135 Wp)	JE-10MB-BF36-135 JE-10MB-BF36-130	19.84 19.11	36 (Half Cut Cells)	1500		
					xviii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	JE-10MB-BF36-125 (125 Wp)	JE-10MB-BF36-125 JE-10MB-BF36-120	19.79 19.00	36 (Half Cut Cells)	1500		
9	M/s. FS Green Energies Private Limited (Capacity Addition)	Block No. 160 - 164, 168 Besides Act Agro Chem Pvt. Ltd., Juni Jithardi Road, Near Karjan Cross Road, NH - 8, Vadodara - 391240, Gujarat, India	R-72011258	5001	i	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-G12R.132G-620 (620 Wp)	FST-G12R.132G-600 FST-G12R.132G-605 FST-G12R.132G-610 FST-G12R.132G-615 FST-G12R.132G-620 FST-G12R.132G-625 FST-G12R.132G-630 FST-G12R.132G-635	22.19 22.38 22.56 22.75 22.93 23.12 23.30 23.49	132 (Half Cut Cells)	1500	28.10.2024	27.10.2028
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-G12R.120G-560 (560 Wp)	FST-G12R.120G-545 FST-G12R.120G-550 FST-G12R.120G-555 FST-G12R.120G-560 FST-G12R.120G-565 FST-G12R.120G-570 FST-G12R.120G-575	22.13 22.33 22.53 22.74 22.94 23.14 23.35	120 (Half Cut Cells)	1500		
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-G12R.108G-505 (505 Wp)	FST-G12R.108G-485 FST-G12R.108G-490	21.82 22.05	108 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								FST-G12R.108G-495	22.27				
								FST-G12R.108G-500	22.50				
								FST-G12R.108G-505	22.72				
								FST-G12R.108G-510	22.95				
								FST-G12R.108G-515	23.17				
								FST-G12R.108G-520	23.40				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.156G-660 (660 Wp)	FST-M10. 156G-680	24.33	156 (Half Cut Cell)	1500		
								FST-M10. 156G-675	24.15				
								FST-M10. 156G-670	23.97				
								FST-M10. 156G-665	23.79				
								FST-M10. 156G-660	23.61				
								FST-M10. 156G-655	23.43				
								FST-M10. 156G-650	23.25				
								FST-M10. 156G-645	23.07				
								FST-M10. 156G-640	22.90				
								FST-M10. 156G-635	22.72				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.144G-605 (605 Wp)	FST-M10. 144G-625	24.19	144 (Half Cut Cell)	1500		
								FST-M10. 144G-620	24.00				
								FST-M10. 144G-615	23.81				
								FST-M10. 144G-610	23.61				
								FST-M10. 144G-605	23.42				
								FST-M10. 144G-600	23.23				
								FST-M10. 144G-595	23.03				
								FST-M10. 144G-590	22.84				
								FST-M10. 144G-585	22.65				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.132G-555 (555 Wp)	FST-M10. 132G-575	24.23	132 (Half Cut Cell)	1500		
								FST-M10. 132G-570	24.02				
								FST-M10. 132G-565	23.80				
								FST-M10. 132G-560	23.59				
								FST-M10. 132G-555	23.38				
								FST-M10. 132G-550	23.17				
								FST-M10. 132G-545	22.96				
								FST-M10. 132G-540	22.75				
								FST-M10. 132G-535	22.54				
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.120G-505 (505 Wp)	FST-M10. 120G-520	24.03	120 (Half Cut Cell)	1500		
								FST-M10. 120G-515	23.80				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								FST-M10.120G-510	23.57				
								FST-M10.120G-505	23.34				
								FST-M10.120G-500	23.11				
								FST-M10.120G-495	22.88				
								FST-M10.120G-490	22.65				
								FST-M10.120G-485	22.42				
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.108G-455 (455 Wp)	FST-M10.108G-470	24.05	108 (Half Cut Cell)	1500		
							FST-M10.108G-465	23.80					
							FST-M10.108G-460	23.54					
							FST-M10.108G-455	23.29					
							FST-M10.108G-450	23.03					
							FST-M10.108G-445	22.78					
							FST-M10.108G-440	22.52					
					ix	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.156G-620 (620 Wp)	FST-M10.156G-630	22.54	156 (Half Cut Cells)	1500		
							FST-M10.156G-625	22.36					
							FST-M10.156G-620	22.18					
							FST-M10.156G-615	22.00					
							FST-M10.156G-610	21.82					
					x	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.144G-570 (570 Wp)	FST-M10.144G-580	22.45	144 (Half Cut Cells)	1500		
							FST-M10.144G-575	22.26					
							FST-M10.144G-570	22.07					
							FST-M10.144G-565	21.87					
							FST-M10.144G-560	21.68					
					xi	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.132G-525 (525 Wp)	FST-M10.132G-530	22.33	132 (Half Cut Cells)	1500		
							FST-M10.132G-525	22.12					
							FST-M10.132G-520	21.91					
					xii	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.120G-475 (475 Wp)	FST-M10.120G-480	22.18	120 (Half Cut Cells)	1500		
							FST-M10.120G-475	21.95					
							FST-M10.120G-470	21.72					
					xiii	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.108G-430 (430 Wp)	FST-M10.108G-435	22.26	108 (Half Cut Cells)	1500		
							FST-M10.108G-430	22.01					
							FST-M10.108G-425	21.75					
							FST-M10.108G-420	21.50					
					xiv	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.156B-585 (585 Wp)	FSP-M10.156B-600	21.46	156 (Half Cut Cells)	1500		
							FSP-M10.156B-595	21.29					
							FSP-M10.156B-590	21.11					
							FSP-M10.156B-585	20.93					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								FSP-M10.156B-580	20.75				
								FSP-M10.156B-575	20.57				
								FSP-M10.156B-570	20.39				
								FSP-M10.156B-565	20.21				
								FSP-M10.156B-560	20.03				
					xv	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.144B-535 (535 Wp)	FSP-M10.144B-550	21.29	144 (Half Cut Cells)	1500		
							FSP-M10.144B-545	21.10					
							FSP-M10.144B-540	20.90					
							FSP-M10.144B-535	20.71					
							FSP-M10.144B-530	20.52					
							FSP-M10.144B-525	20.32					
							FSP-M10.144B-520	20.13					
					xvi	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.132B-495 (495 Wp)	FSP-M10.132B-505	21.28	132 (Half Cut Cells)	1500		
							FSP-M10.132B-500	21.07					
							FSP-M10.132B-495	20.86					
							FSP-M10.132B-490	20.64					
							FSP-M10.132B-485	20.43					
							FSP-M10.132B-480	20.22					
					xvii	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.120B-445 (445 Wp)	FSP-M10.120B-460	21.26	120 (Half Cut Cells)	1500		
							FSP-M10.120B-455	21.03					
							FSP-M10.120B-450	20.80					
							FSP-M10.120B-445	20.57					
							FSP-M10.120B-440	20.34					
							FSP-M10.120B-435	20.10					
							FSP-M10.120B-430	19.87					
					xviii	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.108B-405 (405 Wp)	FSP-M10.108B-415	21.24	108 (Half Cut Cells)	1500		
							FSP-M10.108B-410	20.98					
							FSP-M10.108B-405	20.73					
							FSP-M10.108B-400	20.47					
							FSP-M10.108B-395	20.22					
							FSP-M10.108B-390	19.96					
					xix	Mono c-Si PERC Module	FSP-M10.156W-580 (580 Wp)	FSP-M10.156W-600	21.46	156 (Half Cut Cells)	1500		
							FSP-M10.156W-595	21.29					
							FSP-M10.156W-590	21.11					
							FSP-M10.156W-585	20.93					
							FSP-M10.156W-580	20.75					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								FSP-M10.156W-575	20.57				
								FSP-M10.156W-570	20.39				
								FSP-M10.156W-565	20.21				
								FSP-M10.156W-560	20.03				
					xx	Mono c-Si PERC Module	FSP-M10.144W-535 (535 Wp)	FSP-M10.144W-550	21.29	144 (Half Cut Cells)	1500		
							FSP-M10.144W-545	21.10					
							FSP-M10.144W-540	20.90					
							FSP-M10.144W-535	20.71					
							FSP-M10.144W-530	20.52					
							FSP-M10.144W-525	20.32					
							FSP-M10.144W-520	20.13					
					xxi	Mono c-Si PERC Module	FSP-M10.132W-490 (490Wp)	FSP-M10.132W-505	21.28	132 (Half Cut Cells)	1500		
							FSP-M10.132W-500	21.07					
							FSP-M10.132W-495	20.86					
							FSP-M10.132W-490	20.64					
							FSP-M10.132W-485	20.43					
							FSP-M10.132W-480	20.22					
					xxii	Mono c-Si PERC Module	FSP-M10.120W-450 (450 Wp)	FSP-M10.120W-460	21.26	120 (Half Cut Cells)	1500		
							FSP-M10.120W-455	21.03					
							FSP-M10.120W-450	20.80					
							FSP-M10.120W-445	20.57					
							FSP-M10.120W-440	20.34					
							FSP-M10.120W-435	20.10					
							FSP-M10.120W-430	19.87					
					xxiii	Mono c-Si PERC Module	FSP-M10.108W-400 (400 Wp)	FSP-M10.108W-415	21.24	108 (Half Cut Cells)	1500		
							FSP-M10.108W-410	20.98					
							FSP-M10.108W-405	20.73					
							FSP-M10.108W-400	20.47					
							FSP-M10.108W-395	20.22					
							FSP-M10.108W-390	19.96					
					xxiv	Bifacial Mono c-Si PERC Module (Glass to Glass)	FSP-M10.144G-540 (540 Wp)	FSP-M10.144G-560	21.68	144 (Half Cut Cells)	1500		
							FSP-M10.144G-555	21.48					
							FSP-M10.144G-550	21.29					
							FSP-M10.144G-545	21.10					
							FSP-M10.144G-540	20.90					
							FSP-M10.144G-535	20.71					
							FSP-M10.144G-530	20.52					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								FSP-M10.144G-525	20.32				
								FSP-M10.144G-520	20.13				
					xxv	Bifacial Mono c-Si PERC Module (Glass to Glass)	FSP-M10.132G-490 (490 Wp)	FSP-M10.132G-505	21.28	132 (Half Cut Cells)	1500		
							FSP-M10.132G-500	21.07					
							FSP-M10.132G-495	20.86					
							FSP-M10.132G-490	20.64					
							FSP-M10.132G-485	20.43					
							FSP-M10.132G-480	20.22					
					xxvi	Bifacial Mono c-Si PERC Module (Glass to Glass)	FSP-M10.120G-445 (445 Wp)	FSP-M10.120G-460	21.26	120 (Half Cut Cells)	1500		
							FSP-M10.120G-455	21.03					
							FSP-M10.120G-450	20.80					
							FSP-M10.120G-445	20.57					
							FSP-M10.120G-440	20.34					
							FSP-M10.120G-435	20.10					
							FSP-M10.120G-430	19.87					
					xxvii	Bifacial Mono c-Si PERC Module (Glass to Glass)	FSP-M10.108G-405 (405 Wp)	FSP-M10.108G-415	21.24	108 (Half Cut Cells)	1500		
							FSP-M10.108G-410	20.98					
							FSP-M10.108G-405	20.73					
							FSP-M10.108G-400	20.47					
							FSP-M10.108G-395	20.22					
							FSP-M10.108G-390	19.96					

Note: In case of model inclusion or capacity addition / change, through revision in ALMM List, the capacity mentioned against any manufacturing unit, as appearing in the said Revision to the ALMM List, shall be the ALMM enlisted manufacturing capacity for that manufacturing unit (from the date of the said revision), and the capacity enlisted for that manufacturing unit should not be interpreted as Sum of (enlisted capacity for that manufacturing unit in previous ALMM list/ previous revision to ALMM List) and (enlisted capacity in the present revision)

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.

Dated: 13th October 2025

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

- Ref: (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR-Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;
(iv) MNRE's O.M. No. 32/33/2024-SPV Division dated 06.05.2025;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M.s referred at (ii), (iii) & (iv) above, inter-alia, directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	Application/Use	Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules	
		For c-Si technology based solar PV modules	For CdTe thin film technology based solar PV modules
Category-I	Utility/Grid Scale Power Plants	20.00%	19.00%
Category-II	Rooftop and Solar Pumping	19.50%	18.50%
Category-III	Off-grid projects/applications like solar lamps, solar lights, solar street lights, solar fans, etc. (other than solar powered agricultural pumps and solar PV rooftops) requiring individual capacity of each solar PV module deployed, to be of less than 200 Watt peak	18.00%	18.00%
(not to be included in main ALMM List-I but to be included in a separate ALMM list called ALMM List-I (DRE))			
Category-IV	Any other application	19.00%	18.00%

3. Post the aforesaid O.M. dated 10.05.2023 and subsequent O.M.s dated 22.03.2024 and 06.05.2025, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 19.09.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XLIII (in the format of additions / modifications to Revision-XLII) is enclosed at Annexure-I. The last revision no. XLII dated 19.09.2025 is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.



(Sanjay G. Karndhar)
Scientist-E

E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned

Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

A. Amendments/ Updatons in previous lists of ALMM List-I

1. In the ALMM list dated 21st April 2025 (Revision XXXVII) => Sl. No. 15 (M/s. Gautam Solar Pvt. Ltd., Haryana):

=> Sl. No. 6 => Enlisted models : -

G2XBifacial 728-HAD	may be read as	G2XBifacial 1728 -HAD
G2XBifacial 721-HAD	may be read as	G2XBifacial 1721 -HAD
G2XBifacial 715-HAD	may be read as	G2XBifacial 1715 -HAD
G2XBifacial 708-HAD	may be read as	G2XBifacial 1708 -HAD
G2XBifacial 702-HAD	may be read as	G2XBifacial 1702 -HAD
G2XBifacial 695-HAD	may be read as	G2XBifacial 1695 -HAD
G2XBifacial 689-HAD	may be read as	G2XBifacial 1689 -HAD
G2XBifacial 682-HAD	may be read as	G2XBifacial 1682 -HAD
G2XBifacial 676-HAD	may be read as	G2XBifacial 1676 -HAD
G2XBifacial 669-HAD	may be read as	G2XBifacial 1669 -HAD
G2XBifacial 663-HAD	may be read as	G2XBifacial 1663 -HAD

=>Further, from Sl. No. 07 to 10, in the column "enlisted models", extra blank space was there and therefore it is removed and now the names may be read as following: -

Enlisted model	Corrected name
G2XBifacial 1676-HAB	G2XBifacial1676-HAB
G2XBifacial 1669-HAB	G2XBifacial1669-HAB
G2XBifacial 1663-HAB	G2XBifacial1663-HAB
G2XBifacial 1656-HAB	G2XBifacial1656-HAB
G2XBifacial 1650-HAB	G2XBifacial1650-HAB
G2XBifacial 1643-HAB	G2XBifacial1643-HAB
G2XBifacial 1637-HAB	G2XBifacial1637-HAB
G2XBifacial 1630-HAB	G2XBifacial1630-HAB
G2XBifacial 1604-HAA	G2XBifacial1604-HAA
G2XBifacial 1598-HAA	G2XBifacial1598-HAA
G2XBifacial 1591-HAA	G2XBifacial1591-HAA
G2XBifacial 1585-HAA	G2XBifacial1585-HAA
G2XBifacial 1578-HAA	G2XBifacial1578-HAA
G2XBifacial 1572-HAA	G2XBifacial1572-HAA
G2XBifacial 1546-HAY	G2XBifacial1546-HAY
G2XBifacial 1539-HAY	G2XBifacial1539-HAY
G2XBifacial 1533-HAY	G2XBifacial1533-HAY
G2XBifacial 1526-HAY	G2XBifacial1526-HAY
G2XBifacial 1520-HAY	G2XBifacial1520-HAY
G2XBifacial 1507-HAY	G2XBifacial1507-HAY
G2XBifacial 1481-HAX	G2XBifacial1481-HAX
G2XBifacial 1474-HAX	G2XBifacial1474-HAX
G2XBifacial 1468-HAX	G2XBifacial1468-HAX
G2XBifacial 1461-HAX	G2XBifacial1461-HAX
G2XBifacial 1455-HAX	G2XBifacial1455-HAX

B. New additions on 13.10.2025 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
1	M/s. Surana Solar Limited (New Addition in ALMM)	Sy No. 49, 51, 52 to 55, Surana Solar Limited Unit-1, Raviryal, Plot No. 21, Fab City SPV (India) Pvt Ltd., Maheswaram mandal, Ranga Reddi, Telangana, India-501359	R-63004979	174	i	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL156GG600W (600Wp)	SSL156GG630W	22.53	156 (Half Cut Cells)	1500	13.10.2025	12.10.2029
								SSL156GG625W	22.35				
								SSL156GG620W	22.17				
								SSL156GG615W	21.99				
								SSL156GG610W	21.81				
								SSL156GG605W	21.63				
								SSL156GG600W	21.46				
								SSL156GG595W	21.28				
								SSL156GG590W	21.10				
								SSL156GG585W	20.92				
					SSL156GG580W	20.74							
					SSL156GG575W	20.56							
					ii	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL144GG555W (555Wp)	SSL144GG570W	22.07	144 (Half Cut Cells)	1500		
								SSL144GG565W	21.87				
								SSL144GG560W	21.68				
								SSL144GG555W	21.48				
								SSL144GG550W	21.29				
								SSL144GG545W	21.10				
					iii	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL144GG525W (525Wp)	SSL144GG535W	20.71	144 (Half Cut Cells)	1500		
								SSL144GG530W	20.52				
								SSL144GG525W	20.32				
								SSL144GG520W	20.13				
					iv	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL132GG495W (495Wp)	SSL144GG515W	19.94	132 (Half Cut Cells)	1500		
								SSL132GG510W	21.48				
								SSL132GG500W	21.06				
								SSL132GG495W	20.85				
								SSL132GG490W	20.64				
					v	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL132GG470W (470Wp)	SSL132GG485W	20.42	132 (Half Cut Cells)	1500		
								SSL132GG480W	20.21				
								SSL132GG475W	20.00				
								SSL132GG470W	19.79				
								SSL132GG465W	19.58				
					vi	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL120GG440W (440Wp)	SSL132GG460W	19.37	120 (Half Cut Cells)	1500		
								SSL120GG450W	20.79				
								SSL120GG445W	20.56				
								SSL120GG440W	20.33				
								SSL120GG435W	20.09				
					vii	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL120GG420W (420Wp)	SSL120GG430W	19.86	120 (Half Cut Cells)	1500		
								SSL120GG425W	19.63				
								SSL120GG420W	19.40				
								SSL120GG415W	19.17				
					viii	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL108GG400W (400Wp)	SSL108GG405W	20.74	108 (Half Cut Cells)	1500		
								SSL108GG400W	20.48				
								SSL108GG395W	20.23				
								SSL108GG390W	19.97				
					ix	Bifacial N-Type TOPCon Modules	SSL108GG375W (375Wp)	SSL108GG385W	19.72	108 (Half Cut Cells)	1500		
								SSL108GG375W	19.20				
					x	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL96GG350W (350Wp)	SSL96GG360W	20.64	96 (Half Cut Cells)	1500		
								SSL96GG355W	20.35				
								SSL96GG350W	20.07				
								SSL96GG345W	19.78				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xi	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL96GG340W (340Wp)	SSL96GG340W	19.49	96 (Half Cut Cells)	1500		
					xii	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL84GG310W (310Wp)	SSL84GG320W	20.87	84 (Half Cut Cells)	1500		
				SSL84GG315W				20.55					
				SSL84GG310W				20.22					
				SSL84GG305W				19.89					
					xiii	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL84GG295W (295Wp)	SSL84GG300W	19.57	84 (Half Cut Cells)	1500		
				SSL84GG295W				19.24					
					xiv	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL72GG280W (280Wp)	SSL72GG285W	21.52	72 (Half Cut Cells)	1500		
				SSL72GG280W				21.14					
				SSL72GG275W				20.76					
				SSL72GG270W				20.38					
					xv	Bifacial Mono c-Si PERC Module (Glass to Glass)	SSL156MPM580 (580Wp)	SSL156MPM595	21.28	156 (Half Cut Cells)	1500		
				SSL156MPM590				21.10					
				SSL156MPM585				20.92					
				SSL156MPM580				20.74					
				SSL156MPM575				20.56					
				SSL156MPM570				20.38					
					xvi	Bifacial Mono c-Si PERC Module (Glass to Glass)	SSL156MPM550 (550Wp)	SSL156MPM565	20.20	156 (Half Cut Cells)	1500		
				SSL156MPM560				20.03					
				SSL156MPM555				19.85					
				SSL156MPM550				19.67					
				SSL156MPM545				19.49					
				SSL156MPM540				19.31					
					xvii	Bifacial Mono c-Si PERC Module (Glass to Glass)	SSL144MPM540 (540Wp)	SSL144MPM550	21.29	144 (Half Cut Cells)	1500		
				SSL144MPM545				21.10					
				SSL144MPM540				20.90					
				SSL144MPM535				20.71					
				SSL144MPM530				20.52					
				SSL144MPM525				20.32					
					xviii	Bifacial Mono c-Si PERC Module (Glass to Glass)	SSL144MPM510 (510Wp)	SSL144MPM520	20.13	144 (Half Cut Cells)	1500		
				SSL144MPM515				19.94					
				SSL144MPM510				19.74					
				SSL144MPM505				19.55					
				SSL144MPM500				19.36					
				SSL144MPM495				19.16					
					xix	Bifacial Mono c-Si PERC Module (Glass to Glass)	SSL132MPM490 (490Wp)	SSL132MPM500	21.24	132 (Half Cut Cells)	1500		
				SSL132MPM495				21.03					
				SSL132MPM490				20.81					
				SSL132MPM485				20.60					
				SSL132MPM480				20.39					
				SSL132MPM475				20.18					
					xx	Bifacial Mono c-Si PERC Module (Glass to Glass)	SSL132MPM460 (460Wp)	SSL132MPM470	19.96	132 (Half Cut Cells)	1500		
				SSL132MPM465				19.75					
				SSL132MPM460				19.54					
				SSL132MPM455				19.33					
				SSL132MPM450				19.11					
					xxi	Bifacial Mono c-Si PERC Module (Glass to Glass)	SSL120MPM450 (450Wp)	SSL120MPM455	19.33	120 (Half Cut Cells)	1500		
				SSL120MPM450				19.11					
				SSL120MPM445				20.73					
				SSL120MPM440				20.50					
				SSL120MPM435				20.26					
					xxii	Bifacial Mono c-Si PERC Module (Glass to Glass)	SSL120MPM420 (420Wp)	SSL120MPM430	20.03	120 (Half Cut Cells)	1500		
				SSL120MPM425				19.80					
				SSL120MPM420				19.57					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								SSL120MPM415	19.33				
								SSL120MPM410	19.10				
2	M/s. Bluebird Solar Private Limited (Model Addition + Capacity Addition)	Plot No: 5, Ecotech-II, Udyog Vihar, Khasra No. 739, Greater Noida - 201306, Uttar Pradesh, India	R-93014680	819	i	Bifacial N- Type TOPCon Module (Glass to Glass)	BBS108C430B (430 Wp)	BBS108C430B	21.87	108 (Half Cut Cell)	1500	05.04.2024	04.04.2028
					ii	Bifacial N- Type TOPCon Module (Glass to Glass)	BBS108C455B (455 Wp)	BBS108C435B	22.13	108 (Half Cut Cell)	1500		
							BBS108C440B	22.38					
							BBS108C445B	22.64					
							BBS108C450B	22.89					
							BBS108C455B	23.15					
							BBS108C460B	23.40					
							BBS108C465B	23.66					
							BBS108C470B	23.91					
							BBS108C475B	24.16					
					iii	Bifacial N- Type TOPCon Module (Glass to Glass)	BBS120C495B (495 Wp)	BBS120C480B	22.07	120 (Half Cut Cell)	1500		
							BBS120C485B	22.30					
							BBS120C490B	22.53					
							BBS120C495B	22.75					
							BBS120C500B	22.98					
							BBS120C505B	23.21					
							BBS120C510B	23.44					
					iv	Bifacial N- Type TOPCon Module (Glass to Glass)	BBS132C530B (530 Wp)	BBS132C515B	21.65	132 (Half Cut Cell)	1500		
							BBS132C520B	21.86					
							BBS132C525B	22.07					
							BBS132C530B	22.28					
							BBS132C535B	22.49					
							BBS132C540B	22.70					
							BBS132C545B	22.91					
							BBS132C550B	23.12					
					v	Bifacial N- Type TOPCon Module (Glass to Glass)	BBS144C575B (575 Wp)	BBS144C565B	21.89	144 (Half Cut Cell)	1500		
							BBS144C570B	22.08					
							BBS144C575B	22.28					
							BBS144C580B	22.47					
							BBS144C585B	22.67					
							BBS144C590B	22.86					
							BBS144C595B	23.05					
							BBS144C600B	23.25					
					vi	Bifacial N- Type TOPCon Module (Glass to Glass)	BBS156C625B (625 Wp)	BBS156C605B	21.66	156 (Half Cut Cell)	1500		
							BBS156C610B	21.84					
							BBS156C615B	22.02					
							BBS156C620B	22.20					
							BBS156C625B	22.38					
							BBS156C630B	22.56					
							BBS156C635B	22.74					
							BBS156C640B	22.92					
							BBS156C645B	23.10					
							BBS156C650B	23.28					
3	M/s. Rayzon Solar Limited (Formerly known as M/s. Rayzon Solar Private Limited) (Model Addition + Capacity Addition)	Block No. 94/1/1F, 94/1/3, 102/1, 103, 104, 105, 109, 110, 118, 119, 120, Kim Mandvi Road, Near Hariya Talav, B/H Aron Pipe, Kim Mandvi Road, Karanj, Surat - 394110, Gujarat, India.	R-72002305	3406	i	Bifacial N-Type TOPCon Modules (Glass to Glass)	RS600132TGC (600 Wp)	RS630132TGC	23.34	132 (Half Cut Cells) Cell Size: 182*210mm	1500	04.03.2024	03.03.2028
								RS625132TGC	23.16				
								RS620132TGC	22.97				
								RS615132TGC	22.79				
								RS610132TGC	22.60				
								RS605132TGC	22.42				
								RS600132TGC	22.23				
								RS595132TGC	22.05				
								RS590132TGC	21.86				
								RS585132TGC	21.68				
								RS580132TGC	21.49				
								RS575132TGC	21.31				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Bifacial N-Type TOPCon Modules (Glass to Glass)	RS525120TGC (525 Wp)	RS570132TGC RS550120TGC RS545120TGC RS540120TGC RS535120TGC RS530120TGC RS525120TGC RS520120TGC RS515120TGC RS510120TGC RS505120TGC RS500120TGC	21.12 22.37 22.17 21.96 21.76 21.56 21.35 21.15 20.95 20.74 20.54 20.34	120 (Half Cut Cells) Cell Size: 182*210mm	1500		
					iii	Bifacial N-Type TOPCon Modules (Glass to Glass)	RS475108TGC (475 Wp)	RS495108TGC RS490108TGC RS485108TGC RS480108TGC RS475108TGC RS470108TGC RS465108TGC RS460108TGC RS455108TGC	22.31 22.09 21.86 21.64 21.41 21.19 20.96 20.74 20.51	108 (Half Cut Cells) Cell Size: 182*210mm	1500		
4	M/s. Goldi Sun Private Limited (Model Addition + Capacity Addition)	City Survey No. 920, Vijalpore Road, TA, Distt. Navsari, Gujarat - 396445, India	R-72006149	4522	i	Bifacial N-Type TOPCon Modules (Glass to Glass)	GS12R-T132-GF-610 (610 Wp)	GS12R-T132-GF-620 GS12R-T132-GF-615 GS12R-T132-GF-610 GS12R-T132-GF-605 GS12R-T132-GF-600	22.21 22.40 22.58 22.77 22.95	132 (Half Cut Cells) Cell Size: 182*210mm	1500	27.09.2024	26.09.2028
					ii	Bifacial N-Type TOPCon Modules (Glass to Glass)	GS12R-T120-GF-555 (555 Wp)	GS12R-T120-GF-565 GS12R-T120-GF-560 GS12R-T120-GF-555 GS12R-T120-GF-550 GS12R-T120-GF-545	23.01 22.81 22.61 22.40 22.20	120 (Half Cut Cells) Cell Size: 182*210mm	1500		
					iii	Bifacial N-Type TOPCon Modules (Glass to Glass)	GS12R-T108-GF-500 (500 Wp)	GS12R-T108-GF-510 GS12R-T108-GF-505 GS12R-T108-GF-500 GS12R-T108-GF-495 GS12R-T108-GF-490	23.00 22.78 22.55 22.33 22.10	108 (Half Cut Cells) Cell Size: 182*210mm	1500		
5	M/s. Emmvee Energy Private Limited (Model Addition + Capacity Addition)	Sy. No. 66-70/3, Sompura Industrial Area, Pemmanahalli Village, Sompura Hobli, Nelamangala Taluk, Bengaluru Rural District, Karnataka - 562111, India	R-62004626	3276	i	Bifacial N-Type TOPCon Module (Glass to Glass)	E610HCBG132-T (610 Wp)	E635HCBG132-T E630HCBG132-T E625HCBG132-T E620HCBG132-T E615HCBG132-T E610HCBG132-T E605HCBG132-T E600HCBG132-T E595HCBG132-T E590HCBG132-T E585HCBG132-T	23.51 23.32 23.14 22.95 22.77 22.58 22.40 22.21 22.03 21.84 21.66	132 (Half Cut Cells) Cell Size: 182.3*210mm	1500	08.07.2024	07.07.2028
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	E560HCBG120-T (560 Wp)	E575HCBG120-T E570HCBG120-T E565HCBG120-T E560HCBG120-T E555HCBG120-T E550HCBG120-T E545HCBG120-T	23.33 23.13 22.93 22.73 22.52 22.32 22.12	120 (Half Cut Cells) Cell Size: 182.3*210mm	1500		
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	E505HCBG108-T (505 Wp)	E515HCBG108-T E510HCBG108-T E505HCBG108-T	23.15 22.92 22.70	108 (Half Cut Cells) Cell Size: 182.3*210mm	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								E500HCBG108-T	22.47				
								E495HCBG108-T	22.25				
								E490HCBG108-T	22.02				
6	M/s. Gautam Solar Pvt. Ltd. (Model Addition + Capacity Addition)	7 KM Milestone, Tosham Road, Dist - Bhiwani, Bhiwani Khara - 127032, Haryana, India	R-91017574	3224	i	N-Type TOPCon Module (Glass to Glass)	G2G1818NB-UHAD (606 Wp)	G2G1830-HAD	23.59	144 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								G2G1827-UHAD	23.55				
								G2G1824N-UHAD	23.52				
								G2G1821B-UHAD	23.48				
								G2G1818NB-UHAD	23.44				
								G2G1815-HAD	23.40				
								G2G1812-UHAD	23.36				
								G2G1809N-UHAD	23.32				
								G2G1806B-UHAD	23.28				
								G2G1803NB-UHAD	23.24				
								G3G1920K-UHAD (640Wp)	23.69				
								G3G1905K-UHAD	23.51				
7	M/s. Solitech Green Energy Private Limited (New Addition in ALMM)	Block No 210 B, Chhamuchhal, B/H. Karanj Textiles Park, Karanj, Kim - 394110, Surat, Gujarat, India	R-72013358	1321	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE - G12R132T16G - 635 (635 Wp)	SGE - G12R132T16G - 650	24.06	132 (Half Cut Cells)	1500	13.10.2025	12.10.2029
								SGE - G12R132T16G - 645	23.88				
								SGE - G12R132T16G - 640	23.69				
								SGE - G12R132T16G - 635	23.51				
								SGE - G12R132T16G - 630	23.32				
								SGE - G12R132T16G - 625	23.14				
								SGE - G12R132T16G - 620	22.95				
								SGE - G12R132T16G - 615	22.77				
								SGE - G12R132T16G - 610	22.58				
								SGE - G12R132T16G - 605	22.40				
								SGE - G12R132T16G - 600	22.21				
								SGE - G12R132T16G - 595	22.03				
					SGE - G12R132T16G - 590	21.84							
					SGE - G12R132T16G - 585	21.66							
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE - G12R132T16G - 600 (600 Wp)	SGE - G12R120T16G - 590	23.98	132 (Half Cut Cells)	1500	13.10.2025	12.10.2029
								SGE - G12R120T16G - 585	23.77				
								SGE - G12R120T16G - 580	23.57				
								SGE - G12R120T16G - 575	23.37				
								SGE - G12R120T16G - 570	23.16				
								SGE - G12R120T16G - 565	22.96				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE - G12R120T16G - 580 (580 Wp)	SGE - G12R120T16G - 560	22.76	120 (Half Cut Cells)	1500	13.10.2025	12.10.2029
								SGE - G12R120T16G - 555	22.55				
								SGE - G12R120T16G - 550	22.35				
								SGE - G12R120T16G - 545	22.15				
								SGE - G12R120T16G - 540	21.94				
								SGE - G12R120T16G - 535	21.74				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE - G12R120T16G - 550 (550 Wp)	SGE - G12R108T16G - 530	23.87	108 (Half Cut Cells)	1500	13.10.2025	12.10.2029
								SGE - G12R108T16G - 525	23.64				
								SGE - G12R108T16G - 520	23.42				
								SGE - G12R108T16G - 515	23.19				
								SGE - G12R108T16G - 510	22.97				
								SGE - G12R108T16G - 505	22.74				
								SGE - G12R108T16G - 500	22.52				
								SGE - G12R108T16G - 495	22.29				
								SGE - G12R108T16G - 490	22.07				
								SGE - G12R108T16G - 485	21.84				
SGE - G12R108T16G - 480	21.62												
v	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE - G12R108T16G - 505 (505 Wp)	SGE - M10144T16T - 615	23.81				144 (Half Cut Cells)	1500				
			SGE - M10144T16T - 610	23.61									
			SGE - M10144T16T - 605	23.42									
			SGE - M10144T16T - 600	23.23									
vi	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SGE - M10144T16T - 605 (605 Wp)			144 (Half Cut Cells)	1500	13.10.2025	12.10.2029					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								SGE-M10144T16T-595	23.03				
								SGE-M10144T16T-590	22.84				
					vii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SGE - M10144T16T - 570 (570 Wp)	SGE-M10144T16T-585	22.65	144 (Half Cut Cells)	1500		
							SGE-M10144T16T-580	22.45					
							SGE-M10144T16T-575	22.26					
							SGE-M10144T16T-570	22.07					
							SGE-M10144T16T-565	21.87					
							SGE-M10144T16T-560	21.68					
							SGE-M10144T16T-555	21.48					
							SGE-M10144T16G-615	23.81					
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE - M10144T16G - 605 (605 Wp)	SGE-M10144T16G-610	23.61	144 (Half Cut Cells)	1500		
							SGE-M10144T16G-605	23.42					
							SGE-M10144T16G-600	23.23					
							SGE-M10144T16G-595	23.03					
							SGE-M10144T16G-590	22.84					
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE - M10144T16G - 570 (570 Wp)	SGE-M10144T16G-585	22.65	144 (Half Cut Cells)	1500		
							SGE-M10144T16G-580	22.45					
							SGE-M10144T16G-575	22.26					
							SGE-M10144T16G-570	22.07					
							SGE-M10144T16G-565	21.87					
							SGE-M10144T16G-560	21.68					
							SGE-M10144T16G-555	21.48					
					x	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SGE - M10132T16T - 530 (530Wp)	SGE-M10132T16T-555	23.39	132 (Half Cut Cells)	1500		
							SGE-M10132T16T-550	23.18					
							SGE-M10132T16T-545	22.97					
							SGE-M10132T16T-540	22.76					
							SGE-M10132T16T-535	22.55					
							SGE-M10132T16T-530	22.34					
							SGE-M10132T16T-525	22.13					
							SGE-M10132T16T-520	21.92					
							SGE-M10132T16T-515	21.71					
							SGE-M10132T16T-510	21.50					
							SGE-M10132T16T-505	21.29					
							SGE-M10132T16G-555	23.39					
							SGE-M10132T16G-550	23.18					
							SGE-M10132T16G-545	22.97					
							SGE-M10132T16G-540	22.76					
							SGE-M10132T16G-535	22.55					
							SGE-M10132T16G-530	22.34					
							SGE-M10132T16G-525	22.13					
							SGE-M10132T16G-520	21.92					
							SGE-M10132T16G-515	21.71					
							SGE-M10132T16G-510	21.50					
							SGE-M10132T16G-505	21.29					
					xii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SGE - M10120T16T - 500 (500 Wp)	SGE-M10120T16T-510	23.60	120 (Half Cut Cells)	1500		
							SGE-M10120T16T-505	23.36					
							SGE-M10120T16T-500	23.13					
							SGE-M10120T16T-495	22.90					
							SGE-M10120T16T-490	22.67					
					xiii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SGE - M10120T16T - 475 (475 Wp)	SGE-M10120T16T-485	22.44	120 (Half Cut Cells)	1500		
							SGE-M10120T16T-480	22.21					
							SGE-M10120T16T-475	21.98					
							SGE-M10120T16T-470	21.75					
							SGE-M10120T16T-465	21.51					
							SGE-M10120T16T-460	21.28					
					xiv	Bifacial N-Type TOPCon Module	SGE - M10120T16G - 500 (500 Wp)	SGE-M10120T16G-510	23.60	120 (Half Cut Cells)	1500		
							SGE-M10120T16G-505	23.36					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						(Glass to Glass)		SGE-M10120T16G-500	23.13				
								SGE-M10120T16G-495	22.90				
								SGE-M10120T16G-490	22.67				
					xv	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE - M10120T16G - 475 (475 Wp)	SGE-M10120T16G-485	22.44	120 (Half Cut Cells)	1500		
								SGE-M10120T16G-480	22.21				
								SGE-M10120T16G-475	21.98				
								SGE-M10120T16G-470	21.75				
								SGE-M10120T16G-465	21.51				
								SGE-M10120T16G-460	21.28				
					xvi	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SGE - M10108T16T - 450 (450 Wp)	SGE-M10108T16T-460	23.58	108 (Half Cut Cells)	1500		
								SGE-M10108T16T-455	23.33				
								SGE-M10108T16T-450	23.07				
								SGE-M10108T16T-445	22.81				
								SGE-M10108T16T-440	22.56				
					xvii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SGE - M10108T16T - 425 (425 Wp)	SGE-M10108T16T-435	22.30	108 (Half Cut Cells)	1500		
								SGE-M10108T16T-430	22.05				
								SGE-M10108T16T-425	21.79				
								SGE-M10108T16T-420	21.53				
								SGE-M10108T16T-415	21.28				
					xviii	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE - M10108T16G - 450 (450 Wp)	SGE-M10108T16G-460	23.58	108 (Half Cut Cells)	1500		
								SGE-M10108T16G-455	23.33				
								SGE-M10108T16G-450	23.07				
								SGE-M10108T16G-445	22.81				
								SGE-M10108T16G-440	22.56				
					xix	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE - M10108T16G - 425 (425 Wp)	SGE-M10108T16G-435	22.30	108 (Half Cut Cells)	1500		
								SGE-M10108T16G-430	22.05				
								SGE-M10108T16G-425	21.79				
								SGE-M10108T16G-420	21.53				
								SGE-M10108T16G-415	21.28				
								SGE-M10108T16G-410	21.02				
8	M/s. Insolation Green Energy Private Limited (New Addition in ALMM)	Khasra No. 4205/3454, 4207/3460, 3447-3452, 4383/3458, 3488 -3498,3500 -3509, 3511, Village - Sawarda Teh - Mauzamabad - 303348, Dudu, Rajasthan,India	R-84005622	1202	i	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-156THC-GGF-625 (625 Wp)	INA-156THC-GGF-650	23.25	156 (Half Cut Cells)	1500	13.10.2025	12.10.2029
								INA-156THC-GGF-645	23.07				
								INA-156THC-GGF-640	22.90				
								INA-156THC-GGF-635	22.72				
								INA-156THC-GGF-630	22.54				
								INA-156THC-GGF-625	22.36				
								INA-156THC-GGF-620	22.18				
								INA-156THC-GGF-615	22.00				
								INA-156THC-GGF-610	21.82				
								INA-156THC-GGF-605	21.64				
								INA-144THC-GGF-600	23.23				
								INA-144THC-GGF-595	23.03				
								INA-144THC-GGF-590	22.84				
								INA-144THC-GGF-585	22.65				
								INA-144THC-GGF-580	22.45				
								INA-144THC-GGF-575	22.26				
								INA-144THC-GGF-570	22.07				
								INA-144THC-GGF-565	21.87				
								INA-144THC-GGF-560	21.68				
								INA-144THC-GGF-555	21.48				
								INA-144THC-GGF-550	21.29				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-132THC-GGF-525 (525 Wp)	INA-132THC-GGF-540	22.73	132 (Half Cut Cells)	1500		
								INA-132THC-GGF-535	22.52				
								INA-132THC-GGF-530	22.31				
								INA-132THC-GGF-525	22.10				
								INA-132THC-GGF-520	21.89				
								INA-132THC-GGF-500	21.05				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-120THC-GGF-500 (500 Wp)	INA-120THC-GGF-500	23.02	120 (Half Cut Cells)	1500		
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-108THC-GGF-450 (450 Wp)	INA-108THC-GGF-450	22.94	108 (Half Cut Cells)	1500		
9	M/s. Jakson Engineers Limited (Model Addition + Capacity Addition)	Plot No-25, Ecotech-III, Udyog Kendra, Greater Noida-201306, Gautam Budha Nagar, Uttar Pradesh, India	R-93005959	1209	i	Bifacial N-Type TOPCon Module (Glass to Glass)	JN-615GR (615 Wp)	JN-605GR	22.42	132 (Half Cut Cells) Cell Size: 182*210mm	1500	17.08.2023	16.08.2027
								JN-610GR	22.60				
								JN-615GR	22.79				
10	M/s. Suryanand Solar Cluster Association (New Addition in ALMM)	Opp Prince Steel, Plot No CL 1, Barshi Road, Additional MIDC, Harangul Buzurg, Latur -413531, Maharashtra, India	R-71028959	33	i	Mono c-Si PERC Module	SSCA350WC (350 Wp)	SSCA335WC	19.19	96 (Half Cut Cells)	1500	13.10.2025	12.10.2029
								SSCA340WC	19.47				
								SSCA345WC	19.76				
								SSCA350WC	20.05				
								SSCA355WC	20.33				
								SSCA360WC	20.62				
					iii	Mono c-Si PERC Module	SSCA390WC (390 Wp)	SSCA375WC	19.18	108 (Half Cut Cells)	1500	13.10.2025	12.10.2029
								SSCA380WC	19.43				
								SSCA385WC	19.69				
								SSCA390WC	19.94				
								SSCA395WC	20.20				
								SSCA400WC	20.45				
					iii	Mono c-Si PERC Module	SSCA425WC (425 Wp)	SSCA405WC	20.71	120 (Half Cut Cells)	1500	13.10.2025	12.10.2029
								SSCA415WC	19.16				
								SSCA420WC	19.39				
								SSCA425WC	19.62				
								SSCA430WC	19.85				
								SSCA435WC	20.08				
					iv	Mono c-Si PERC Module	SSCA450WC (450 Wp)	SSCA440WC	20.31	120 (Half Cut Cells)	1500	13.10.2025	12.10.2029
								SSCA445WC	20.54				
								SSCA450WC	20.77				
								SSCA455WC	21.00				
								SSCA460WC	21.23				
								SSCA465WC	21.46				
					v	Mono c-Si PERC Module	SSCA485WC (485 Wp)	SSCA470WC	19.80	132 (Half Cut Cells)	1500	13.10.2025	12.10.2029
								SSCA475WC	20.01				
								SSCA480WC	20.22				
								SSCA485WC	20.43				
								SSCA490WC	20.64				
								SSCA495WC	20.85				
vi	Mono c-Si PERC Module	SSCA525WC (525 Wp)	SSCA500WC	21.06	144 (Half Cut Cells)	1500	13.10.2025	12.10.2029					
			SSCA505WC	19.57									
			SSCA510WC	19.76									
			SSCA515WC	19.95									
			SSCA520WC	20.15									
			SSCA525WC	20.34									
11	M/s. Axitec Energy India Pvt Ltd	Co-ALMM with M/s. Knack Energy Private Limited	R-72013854	150 (As per	i	Bifacial N-Type TOPCon	AC-640TGB/156TS (640 Wp)	AC-650TGB/156TS	23.24	156 (Half Cut Cells)	1500	13.10.2025	10.07.2027
								AC-645TGB/156TS	23.07				
								AC-645TGB/156TS	23.07				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
(Model Addition under Co-ALMM)	Manufacturing Address: Survey No. 291 & 292, Besides Kamla Amrut Industrial Estate, Budasun, Near Hitachi, Jhonson Kadi, Mehsana - 382715, Gujarat, India	CoBranding Agreement)	ii	Bifacial N-Type TOPCon Module (Glass to Glass)	AC-590TGB/144TS (590 Wp)	AC-640TGB/156TS	22.89	144 (Half Cut Cells)	1500				
						AC-630TGB/156TS	22.53						
						AC-600TGB/144TS	23.23						
						AC-595TGB/144TS	23.03						
						AC-590TGB/144TS	22.84						
						AC-585TGB/144TS	22.65						
						AC-580TGB/144TS	22.26						
						AC-575TGB/144TS	22.26						
						AC-570TGB/144TS	22.07						
						AC-565TGB/144TS	21.87						
						AC-560TGB/144TS	21.68						
						AC-555TGB/144TS	21.48						
						AC-550TGB/144TS	21.29						
						AC-545TGB/144TS	21.10						
						AC-540TGB/132TS	22.76						
						AC-535TGB/132TS	22.55						
						AC-530TGB/132TS	22.34						
						AC-490TGB/120TS	22.65						
						AC-485TGB/120TS	22.42						
						AC-480TGB/120TS	22.18						
						AC-445TGB/108TS	22.68						
						AC-440TGB/108TS	22.43						
						AC-435TGB/108TS	22.17						
						12	M/s. Axitec Energy India Pvt Ltd (Model Addition under Co-ALMM)						
ii	Bifacial N Type TOPCon Module (Glass to Glass)	AC-525TGB/132TS (525 Wp)	AC-520TGB/132TS AC-525TGB/132TS AC-530TGB/132TS	21.91 22.12 22.33	132 (Half Cut Cells)	1500							
iii	Bifacial N Type TOPCon Module (Glass to Glass)	AC-480TGB/120TS (480 Wp)	AC-475TGB/120TS AC-480TGB/120TS AC-485TGB/120TS	21.93 22.16 22.39	120 (Half Cut Cells)	1500							
iv	Bifacial N Type TOPCon Module (Glass to Glass)	AC-420TGB/108TS (420 Wp)	AC-405TGB/108TS AC-410TGB/108TS AC-415TGB/108TS AC-420TGB/108TS AC-425TGB/108TS AC-430TGB/108TS AC-435TGB/108TS	20.76 21.01 21.27 21.53 21.78 22.04 22.30	108 (Half Cut Cells)	1500							
13	M/s. Rajasthan Electronics and	Co-ALMM with M/s. Sahaj Solar Limited	R-72013528	10 (As per	i	Mono c-Si PERC Module	RSS-545 (545 Wp)	RSS-540 RSS-545	20.89 21.09	144 (Half Cut Cells)	1500	13.10.2025	18.06.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
	Instruments Limited (REIL) (Model Addition under Co-ALMM)	Manufacturing Address: Plot No. D4, Survey No. 742,745, Gallops Industrial Park, Village Rajoda, Sarkhej – Bavla Road, NH 8B, Ahmedabad, Gujarat – 382220, India		CoBranding Agreement)				RSS-550	21.28				
14	M/s. Luminous Power Technologies Pvt. Ltd (Model Addition under Co-ALMM)	Co-ALMM with M/s. Knack Energy Private Limited Manufacturing Address: Survey No. 291 & 292, Besides Kamla Amrut Industrial Estate, Budasun, Near Hitachi, Jhonson Kadi, Mehsana - 382715,Gujarat, India	R-72013200	19-20 MW/Month (As per CoBranding Agreement)	i	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 630TG156 KE16B (630 Wp)	LUM 605TG156 KE16B LUM 610TG156 KE16B LUM 615TG156 KE16B LUM 620TG156 KE16B LUM 625TG156 KE16B LUM 630TG156 KE16B LUM 635TG156 KE16B LUM 640TG156 KE16B LUM 645TG156 KE16B LUM 650TG156 KE16B	21.63 21.81 21.99 22.17 22.35 22.53 22.71 22.89 23.07 23.24	156 (Half Cut Cells)	1500	13.10.2025	31.03.2026
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 630TG156 KE16A (630 Wp)	LUM 605TG156 KE16A LUM 610TG156 KE16A LUM 615TG156 KE16A LUM 620TG156 KE16A LUM 625TG156 KE16A LUM 630TG156 KE16A LUM 635TG156 KE16A LUM 640TG156 KE16A LUM 645TG156 KE16A LUM 650TG156 KE16A	21.63 21.81 21.99 22.17 22.35 22.53 22.71 22.89 23.07 23.24	156 (Half Cut Cells)	1500		
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 560TG144 KE16B (560 Wp)	LUM 545TG144 KE16B LUM 550TG144 KE16B LUM 555TG144 KE16B LUM 560TG144 KE16B LUM 565TG144 KE16B LUM 570TG144 KE16B LUM 575TG144 KE16B	21.10 21.29 21.48 21.68 21.87 22.07 22.26	144 (Half Cut Cells)	1500		
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 590TG144 KE16B (590 Wp)	LUM 580TG144 KE16B LUM 585TG144 KE16B LUM 590TG144 KE16B LUM 595TG144 KE16B LUM 600TG144 KE16B	22.45 22.65 22.84 23.03 23.23	144 (Half Cut Cells)	1500		
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 560TG144 KE16A (560 Wp)	LUM 545TG144 KE16A LUM 550TG144 KE16A LUM 555TG144 KE16A LUM 560TG144 KE16A LUM 565TG144 KE16A LUM 570TG144 KE16A LUM 575TG144 KE16A	21.10 21.29 21.48 21.68 21.87 22.07 22.26	144 (Half Cut Cells)	1500		
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 590TG144 KE16A (590 Wp)	LUM 580TG144 KE16A LUM 585TG144 KE16A LUM 590TG144 KE16A LUM 595TG144 KE16A LUM 600TG144 KE16A	22.45 22.65 22.84 23.03 23.23	144 (Half Cut Cells)	1500		
					vii	Bifacial Mono c-Si	LUM 530MG144 KE10A	LUM 505MG144 KE10A	19.55	144 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						PERC Module (Glass to Glass)	(530 Wp)	LUM 510MG144 KE10A	19.74				
								LUM 515MG144 KE10A	19.94				
								LUM 520MG144 KE10A	20.13				
								LUM 525MG144 KE10A	20.32				
								LUM 530MG144 KE10A	20.52				
								LUM 535MG144 KE10A	20.71				
								LUM 540MG144 KE10A	20.90				
								LUM 545MG144 KE10A	21.10				
								LUM 550MG144 KE10A	21.29				
								LUM 555MG144 KE10A	21.48				
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 515TG132 KE16B (515 Wp)	LUM 495TG132 KE16B	20.87	132 (Half Cut Cells)	1500		
								LUM 500TG132 KE16B	21.08				
								LUM 505TG132 KE16B	21.29				
								LUM 510TG132 KE16B	21.50				
								LUM 515TG132 KE16B	21.71				
								LUM 520TG132 KE16B	21.92				
								LUM 525TG132 KE16B	22.13				
								LUM 530TG132 KE16B	22.34				
								LUM 535TG132 KE16B	22.55				
								LUM 540TG132 KE16B	22.76				
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 515TG132 KE16A (515 Wp)	LUM 495TG132 KE16A	20.87	132 (Half Cut Cells)	1500		
								LUM 500TG132 KE16A	21.08				
								LUM 505TG132 KE16A	21.29				
								LUM 510TG132 KE16A	21.50				
								LUM 515TG132 KE16A	21.71				
								LUM 520TG132 KE16A	21.92				
								LUM 525TG132 KE16A	22.13				
								LUM 530TG132 KE16A	22.34				
								LUM 535TG132 KE16A	22.55				
								LUM 540TG132 KE16A	22.76				
					x	Bifacial Mono c-Si PERC Module (Glass to Glass)	LUM 480MG132 KE10A (480 Wp)	LUM 460MG132 KE10A	19.39	132 (Half Cut Cells)	1500		
								LUM 465MG132 KE10A	19.60				
								LUM 470MG132 KE10A	19.81				
								LUM 475MG132 KE10A	20.02				
								LUM 480MG132 KE10A	20.23				
								LUM 485MG132 KE10A	20.44				
								LUM 490MG132 KE10A	20.65				
								LUM 495MG132 KE10A	20.87				
								LUM 500MG132 KE10A	21.08				
					xi	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 630TG156 KE16B (630 Wp)	AMS 605TG156 KE16B	21.63	156 (Half Cut Cells)	1500		
								AMS 610TG156 KE16B	21.81				
								AMS 615TG156 KE16B	21.99				
								AMS 620TG156 KE16B	22.17				
								AMS 625TG156 KE16B	22.35				
								AMS 630TG156 KE16B	22.53				
								AMS 635TG156 KE16B	22.71				
								AMS 640TG156 KE16B	22.89				
								AMS 645TG156 KE16B	23.07				
								AMS 650TG156 KE16B	23.24				
					xii	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 630TG156 KE16A (630 Wp)	AMS 605TG156 KE16A	21.63	156 (Half Cut Cells)	1500		
								AMS 610TG156 KE16A	21.81				
								AMS 615TG156 KE16A	21.99				
								AMS 620TG156 KE16A	22.17				
								AMS 625TG156 KE16A	22.35				
								AMS 630TG156 KE16A	22.53				
								AMS 635TG156 KE16A	22.71				
								AMS 640TG156 KE16A	22.89				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xx	Bifacial Mono c-Si PERC Module (Glass to Glass)	AMS 480MG132 KE10A (480 Wp)	AMS 460MG132 KE10A AMS 465MG132 KE10A AMS 470MG132 KE10A AMS 475MG132 KE10A AMS 480MG132 KE10A AMS 485MG132 KE10A AMS 490MG132 KE10A AMS 495MG132 KE10A AMS 500MG132 KE10A	19.39 19.60 19.81 20.02 20.23 20.44 20.65 20.87 21.08	132 (Half Cut Cells)	1500		

Note: In case of model inclusion or capacity addition / change, through revision in ALMM List, the capacity mentioned against any manufacturing unit, as appearing in the said Revision to the ALMM List, shall be the ALMM enlisted manufacturing capacity for that manufacturing unit (from the date of the said revision), and the capacity enlisted for that manufacturing unit should not be interpreted as Sum of (enlisted capacity for that manufacturing unit in previous ALMM list/ previous revision to ALMM List) and (enlisted capacity in the present revision)

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.

Dated: 19th September 2025

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

- Ref: (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR-Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;
(iv) MNRE's O.M. No. 32/33/2024-SPV Division dated 06.05.2025;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M.s referred at (ii), (iii) & (iv) above, inter-alia, directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	Application/Use	Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules	
		For c-Si technology based solar PV modules	For CdTe thin film technology based solar PV modules
Category-I	Utility/Grid Scale Power Plants	20.00%	19.00%
Category-II	Rooftop and Solar Pumping	19.50%	18.50%
Category-III	Off-grid projects/applications like solar lamps, solar lights, solar street lights, solar fans, etc. (other than solar powered agricultural pumps and solar PV rooftops) requiring individual capacity of each solar PV module deployed, to be of less than 200 Watt peak	18.00%	18.00%
		(not to be included in main ALMM List-I but to be included in a separate ALMM list called ALMM List-I (DRE))	
Category-IV	Any other application	19.00%	18.00%

3. Post the aforesaid O.M. dated 10.05.2023 and subsequent O.M.s dated 22.03.2024 and 06.05.2025, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 13.08.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XLII (in the format of additions / modifications to Revision-XLI) is enclosed at Annexure-I. The last revision no. XLI dated 13.08.2025 along with provisional enlistments therein (excluding those which have been removed on account of inclusion in main ALMM List-I or inordinate delay in getting final inspection done) is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.

(Sanjay G. Karndhar)
Scientist-E

E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned

Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

A. Amendments/ Updations in previous lists of ALMM List-I

1. **M/s. Sahaj Solar Privat Ltd** (ALMM list for solar PV modules issued on 27.03.2025 => Sl. No. 24) Name of **Sahaj Solar Private Ltd** has been changed to **Sahaj Solar Limited**

2. **M/s. Onix-Tech Renewable Private Limited** (ALMM list for solar PV modules issued on 13.08.2025 => Sl. No. 3) Name of **Onix-Tech Renewable Private Limited** has been changed to **Nexgenix Solar Manufacturing Private Limited**

3. **M/s. Rayzon Solar Private Limited** (ALMM list for solar PV modules issued on 27.03.2025 => Sl. No. 16) Name of **Rayzon Solar Private Limited** has been changed to **Rayzon Solar Limited and** the Address has also been changed
from
[Block No. 94/1/1F, 94/1/3, 102/1, 103, 104, 105, 109, 110, 118, 119, 120, Kim Mandvi Road, Near Hariya Talav, B/H Aron Pipe, Kim Mandvi Road, Karanj, Surat - 394110, Gujarat, India]
to
Block 94/1/1/F 94/1/3 94/1/1/A 102/1 103 104 105 109 110 112 113 118 119 120 City Survey No.: NA 94/1/2/A NA 94/1/2/B NA 123 & NA 124 B/H Hariya Talav Kim-Mandvi Road Vill.: Karanj Ta.: Mandvi Dist.: Surat - 394110, Gujarat, 394110

Note:

Older names/ addresses of the companies mentioned at (1) (2) and (3) above, even if appearing at places other than those explicitly mentioned above, may also be considered to have been changed accordingly.

4. **M/s. Tata Power Renewable Energy Limited** (Formerly M/s. Tata Power Solar Systems Ltd) (ALMM list for solar PV modules issued on 27.03.2025 => Sl. No. 44) – one of the 'enlisted models' under 'Applied Model' - TP525HG10, is mentioned as 'TP5435HG10' which may be read as '**TP535HG10**'

5. **M/s. Vikram Solar Limited** (ALMM list for solar PV modules issued on 13.08.2025 => Sl. No. 19) Names of 'Enlisted Models' which were added on 13.08.2025, were not completely visible due to limited column width, the same may be read as follows:

Enlisted Models
HYPERSOL VSMDH.66.590.05
HYPERSOL VSMDH.66.595.05
HYPERSOL VSMDH.66.600.05
HYPERSOL VSMDH.66.605.05
HYPERSOL VSMDH.66.610.05
HYPERSOL VSMDH.66.615.05
HYPERSOL VSMDH.66.620.05
HYPERSOL VSMDH.66.625.05
HYPERSOL VSMDH.66.630.05
HYPERSOL VSMDH.66.635.05
HYPERSOL VSMDH.66.640.05
HYPERSOL VSMDH.60.580.05
HYPERSOL VSMDH.60.575.05
HYPERSOL VSMDH.60.570.05
HYPERSOL VSMDH.60.565.05
HYPERSOL VSMDH.60.560.05
HYPERSOL VSMDH.60.555.05
HYPERSOL VSMDH.60.550.05
HYPERSOL VSMDH.60.545.05



B. New additions on 19.09.2025 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
1	M/s. Avaada Electro Private Limited (Capacity Addition)	A-67, MIDC Road, Additional Butibori Industrial Area, Nagpur-441108, Maharashtra, India	R-71040312	4111	i	Bifacial N Type TOPCon Module (Glass to Glass)	AVN66G12G710 (710 Wp)	AVN66G12G720	23.18	132 (Half Cut Cells)	1500	05.06.2025	04.06.2029
								AVN66G12G715	23.02				
								AVN66G12G710	22.86				
								AVN66G12G705	22.70				
					ii	Bifacial N Type TOPCon Module (Glass to Glass)	AVN60G12G640 (640 Wp)	AVN66G12G700	22.53				
								AVN60G12G650	22.97				
								AVN60G12G645	22.79				
								AVN60G12G640	22.61				
					iii	Bifacial N Type TOPCon Module (Glass to Glass)	AVN66G12RG620 (620 Wp)	AVN60G12G635	22.44				
								AVN60G12G630	22.26				
								AVN66G12RG630	23.32				
								AVN66G12RG625	23.14				
					iv	Bifacial N Type TOPCon Module (Glass to Glass)	AVN60G12RG560 (560 Wp)	AVN66G12RG620	22.95				
								AVN66G12RG615	22.77				
								AVN66G12RG610	22.58				
								AVN60G12RG570	23.14				
2	M/s. Kosol Energie Pvt. Ltd. (Model Addition + Capacity Addition)	Survey No: 415/B, Opp. Super Gas, Village: Bhayla, Bavla-Bagodra Highway, Ta: Bavla, Dist: Ahmedabad - 382220, Gujarat, India.	R-72003417	1526	i	Bifacial N Type TOPCON Module (Glass to Glass)	KE600N (600Wp)	AVN60G12RG565	22.94	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								AVN60G12RG560	22.74				
								AVN60G12RG555	22.53				
								AVN60G12RG550	22.33				
								KE620N	23.92				
								KE615N	23.73				
								KE610N	23.54				
								KE605N	23.34				
					ii	Bifacial N Type TOPCON Module (Glass to Glass)	KE555N (555Wp)	KE600N	23.15				
								KE595N	22.96				
								KE590N	22.76				
								KE585N	22.57				
								KE580N	24.35				
								KE575N	24.14				
								KE570N	23.93				
								KE565N	23.72				
iii	Bifacial N Type TOPCON Module (Glass to Glass)	KE505N (505Wp)	KE560N	23.51									
			KE555N	23.30									
			KE550N	23.09									
			KE545N	22.88									
			KE540N	22.67									
			KE535N	22.46									
			KE530N	24.35									
			KE525N	24.12									
iv	Bifacial N Type TOPCON Module (Glass to Glass)	KE455N (455Wp)	KE520N	23.89									
			KE515N	23.66									
			KE510N	23.43									
			KE505N	23.20									
			KE500N	22.97									
			KE495N	22.74									
			KE490N	22.51									
			KE485N	22.28									
3	M/s. FS Green Energies Private Limited.	Block No. 160 - 164, 168 Besides Act Agro Chem Pvt. Ltd., Juni Jithardi Road, Near	R-72011258	2896	i	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-G12R.132G-620 (620 Wp)	KE475N	24.21	132 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								KE470N	23.95				
								KE465N	23.70				
								KE460N	23.44				
								KE455N	23.19				
								KE450N	22.93				
								KE445N	22.68				
								KE440N	22.42				
FST-G12R.132G-600	22.19												
	FST-G12R.132G-605	22.38											
	FST-G12R.132G-610	22.56											
	FST-G12R.132G-615	22.75											

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity						
												From	To (subject to valid BIS Registration; else deemed to be delisted)					
	(Model Addition + Capacity Addition)	Karjan Cross Road, NH - 8, Vadodara - 391240, Gujarat, India						FST-G12R.132G-620	22.93	120 (Half Cut Cells)	1500							
								FST-G12R.132G-625	23.12									
								FST-G12R.132G-630	23.30									
								FST-G12R.132G-635	23.49									
								ii	Bifacial N-Type TOPCon Module (Glass to Glass)					FST-G12R.120G-560 (560 Wp)	FST-G12R.120G-545	22.13		
								FST-G12R.120G-550							22.33			
								FST-G12R.120G-555							22.53			
								FST-G12R.120G-560							22.74			
								FST-G12R.120G-565							22.94			
								FST-G12R.120G-570							23.14			
								FST-G12R.120G-575							23.35			
								iii							Bifacial N-Type TOPCon Module (Glass to Glass)	FST-G12R.108G-505 (505 Wp)	FST-G12R.108G-485	21.82
								FST-G12R.108G-490	22.05									
								FST-G12R.108G-495	22.27									
								FST-G12R.108G-500	22.50									
								FST-G12R.108G-505	22.72									
								FST-G12R.108G-510	22.95									
								FST-G12R.108G-515	23.17									
FST-G12R.108G-520	23.40																	
4	M/s. Loom Solar Private Limited. (Model Addition + Capacity Change)	Block Ala, Palwal Logistic Park, Ferozpur, Palwal - 121102, Haryana, India	R-91017728	30	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SHARK555 (555 Wp)	SHARK 560	21.68	144 (Half Cut Cells)	1500	21.04.2025	20.04.2029					
								SHARK 555	21.48									
								SHARK 550	21.29									
								ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)					SHARK525 (525 Wp)	SHARK 545	22.96		
								SHARK 540							22.75			
								SHARK 535							22.54			
								SHARK 530							22.33			
								SHARK 525							22.12			
								SHARK 520							21.91			
								SHARK 515							21.70			
								SHARK 510							21.49			
								SHARK 505							21.28			
SHARK 500	21.07																	
5	M/s. Cosmic PV Power Private Limited (Model Addition + Capacity Addition)	Survey No. 1605/1, Block No. 2098/1/B, Tadkeshvar, Mandavi, Surat- 394170, Gujarat, India	R-72009539	1302	i	Bifacial N-Type TOPCon Modules (Glass to Glass)	COS TOP-575 (575 Wp)	COS TOP-570		22.07	144 (Half Cut Cells)	1500	24.05.2024		23.05.2028			
								COS TOP-575		22.26								
								COS TOP-580	22.45									
								COS TOP-585	22.65									
								COS TOP-590	22.84									
								COS TOP-595	23.03									
								COS TOP-600	23.23									
								ii	Bifacial N-Type TOPCon Modules (Glass to Glass)	COS TOP-535 (535 Wp)				COS TOP-520		21.89		
								COS TOP-525						22.10				
								COS TOP-530						22.31				
								COS TOP-535						22.52				
								COS TOP-540						22.73				
								COS TOP-545						22.94				
								COS TOP-550						23.15				
								iii						Mono c-Si PERC Modules		COS TWIN-525 (525 Wp)	COS TWIN-510	19.74
								COS TWIN-515									19.94	
								COS TWIN-520									20.13	
								COS TWIN-525									20.32	
COS TWIN-530	20.52																	
COS TWIN-535	20.71																	
COS TWIN-540	20.90																	
COS TWIN-545	21.10																	
COS TWIN-550	21.29																	
6	M/s. Raajratna Ventures Limited (Model Addition under Co-ALMM)	Co-ALMM with M/s. Knack Energy Private Limited. Manufacturing Address:	R-72013099	50 (As per CoBranding Agreement)	i	Bifacial N-Type TOPCon Module (Glass to Glass)	R-NG2G-16B-156-630 (630 Wp)	R-NG2G-16B-156-605	21.63	156 (Half Cut Cells)	1500	19.09.2025	23.04.2027					
								R-NG2G-16B-156-610	21.81									
								R-NG2G-16B-156-615	21.99									
								R-NG2G-16B-156-620	22.17									
								R-NG2G-16B-156-625	22.35									
								R-NG2G-16B-156-630	22.53									
								R-NG2G-16B-156-635	22.71									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity											
												From	To (subject to valid BIS Registration; else deemed to be delisted)										
		Survey No. 291 & 292, Besides Kamla Amrut Industrial Estate, Budasun, Near Hitachi, Jhonson Kadi, Mehsana - 382715, Gujarat, India						R-NG2G-16B-156-640	22.89	156 (Half Cut Cells)	1500												
								R-NG2G-16B-156-645	23.07														
								R-NG2G-16B-156-650	23.24														
								R-NG2G-16A-156-605	21.63														
								R-NG2G-16A-156-610	21.81														
								R-NG2G-16A-156-615	21.99														
								R-NG2G-16A-156-620	22.17														
								R-NG2G-16A-156-625	22.35														
								R-NG2G-16A-156-630	22.53														
								R-NG2G-16A-156-635	22.71														
								R-NG2G-16A-156-640	22.89														
								R-NG2G-16A-156-645	23.07														
								R-NG2G-16A-156-650	23.24														
								R-NG2G-16B-144-545	21.10					144 (Half Cut Cells)	1500								
								R-NG2G-16B-144-550	21.29														
								R-NG2G-16B-144-555	21.48														
								R-NG2G-16B-144-560	21.68														
								R-NG2G-16B-144-565	21.87														
								R-NG2G-16B-144-570	22.07														
								R-NG2G-16B-144-575	22.26														
								R-NG2G-16B-144-580	22.45														
								R-NG2G-16B-144-585	22.65														
								R-NG2G-16B-144-590	22.84														
								R-NG2G-16B-144-595	23.03														
								R-NG2G-16B-144-600	23.23														
								R-NG2G-16A-144-545	21.10							144 (Half Cut Cells)	1500						
								R-NG2G-16A-144-550	21.29														
								R-NG2G-16A-144-555	21.48														
								R-NG2G-16A-144-560	21.68														
								R-NG2G-16A-144-565	21.87														
								R-NG2G-16A-144-570	22.07														
								R-NG2G-16A-144-575	22.26														
								R-NG2G-16A-144-580	22.45														
								R-NG2G-16A-144-585	22.65														
								R-NG2G-16A-144-590	22.84														
								R-NG2G-16A-144-595	23.03														
								R-NG2G-16A-144-600	23.23														
								R-PG2G-10A-144-505	19.55									144 (Half Cut Cells)	1500				
								R-PG2G-10A-144-510	19.74														
								R-PG2G-10A-144-515	19.94														
								R-PG2G-10A-144-520	20.13														
								R-PG2G-10A-144-525	20.32														
								R-PG2G-10A-144-530	20.52														
								R-PG2G-10A-144-535	20.71														
								R-PG2G-10A-144-540	20.90														
								R-PG2G-10A-144-545	21.10														
								R-PG2G-10A-144-550	21.29														
								R-PG2G-10A-144-555	21.48														
								R-NG2G-16B-132-495	20.87											132 (Half Cut Cells)	1500		
								R-NG2G-16B-132-500	21.08														
								R-NG2G-16B-132-505	21.29														
								R-NG2G-16B-132-510	21.50														
								R-NG2G-16B-132-515	21.71														
								R-NG2G-16B-132-520	21.92														
								R-NG2G-16B-132-525	22.13														
								R-NG2G-16B-132-530	22.34														
								R-NG2G-16B-132-535	22.55														
								R-NG2G-16B-132-540	22.76														
								R-NG2G-16A-132-495	20.87													132 (Half Cut Cells)	1500
								R-NG2G-16A-132-500	21.08														
								R-NG2G-16A-132-505	21.29														
								R-NG2G-16A-132-510	21.50														
								R-NG2G-16A-132-515	21.71														
								R-NG2G-16A-132-520	21.92														
								R-NG2G-16A-132-525	22.13														
								R-NG2G-16A-132-530	22.34														
								R-NG2G-16A-132-535	22.55														
								R-NG2G-16A-132-540	22.76														

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								R-NG2G-16A-132-530	22.34				
								R-NG2G-16A-132-535	22.55				
								R-NG2G-16A-132-540	22.76				
					x	Bifacial Mono c-Si PERC Module (Glass to Glass)	R-PG2G-10A-132-480 (480 Wp)	R-PG2G-10A-132-460	19.39	132 (Half Cut Cells)	1500		
							R-PG2G-10A-132-465	19.60					
							R-PG2G-10A-132-470	19.81					
							R-PG2G-10A-132-475	20.02					
							R-PG2G-10A-132-480	20.23					
							R-PG2G-10A-132-485	20.44					
							R-PG2G-10A-132-490	20.65					
							R-PG2G-10A-132-495	20.87					
							R-PG2G-10A-132-500	21.08					
							R-PG2G-10A-132-505	21.29					
					xi	Bifacial N-Type TOPCon Module (Glass to Glass)	R-NG2G-16B-120-470 (470 Wp)	R-NG2G-16B-120-450	20.80	120 (Half Cut Cells)	1500		
							R-NG2G-16B-120-455	21.03					
							R-NG2G-16B-120-460	21.26					
							R-NG2G-16B-120-465	21.49					
							R-NG2G-16B-120-470	21.72					
							R-NG2G-16B-120-475	21.95					
							R-NG2G-16B-120-480	22.18					
							R-NG2G-16B-120-485	22.42					
							R-NG2G-16B-120-490	22.65					
							R-NG2G-16B-120-495	22.88					
					xii	Bifacial N-Type TOPCon Module (Glass to Glass)	R-NG2G-16A-120-470 (470 Wp)	R-NG2G-16A-120-450	20.80	120 (Half Cut Cells)	1500		
							R-NG2G-16A-120-455	21.03					
							R-NG2G-16A-120-460	21.26					
							R-NG2G-16A-120-465	21.49					
							R-NG2G-16A-120-470	21.72					
							R-NG2G-16A-120-475	21.95					
							R-NG2G-16A-120-480	22.18					
							R-NG2G-16A-120-485	22.42					
							R-NG2G-16A-120-490	22.65					
							R-NG2G-16A-120-495	22.88					
					xiii	Bifacial Mono c-Si PERC Module (Glass to Glass)	R-PG2G-10A-120-435 (435 Wp)	R-PG2G-10A-120-415	19.18	120 (Half Cut Cells)	1500		
							R-PG2G-10A-120-420	19.41					
							R-PG2G-10A-120-425	19.64					
							R-PG2G-10A-120-430	19.87					
							R-PG2G-10A-120-435	20.10					
							R-PG2G-10A-120-440	20.34					
							R-PG2G-10A-120-445	20.57					
							R-PG2G-10A-120-450	20.80					
							R-PG2G-10A-120-455	21.03					
							R-PG2G-10A-120-460	21.26					
					xiv	Bifacial N-Type TOPCon Module (Glass to Glass)	R-NG2G-16B-108-425 (425 Wp)	R-NG2G-16B-108-405	20.64	108 (Half Cut Cells)	1500		
							R-NG2G-16B-108-410	20.90					
							R-NG2G-16B-108-415	21.15					
							R-NG2G-16B-108-420	21.41					
							R-NG2G-16B-108-425	21.66					
							R-NG2G-16B-108-430	21.92					
							R-NG2G-16B-108-435	22.17					
							R-NG2G-16B-108-440	22.43					
							R-NG2G-16B-108-445	22.68					
							R-NG2G-16B-108-450	22.93					
					xv	Bifacial N-Type TOPCon Module (Glass to Glass)	R-NG2G-16A-108-425 (425 Wp)	R-NG2G-16A-108-405	20.64	108 (Half Cut Cells)	1500		
							R-NG2G-16A-108-410	20.90					
							R-NG2G-16A-108-415	21.15					
							R-NG2G-16A-108-420	21.41					
							R-NG2G-16A-108-425	21.66					
							R-NG2G-16A-108-430	21.92					
							R-NG2G-16A-108-435	22.17					
							R-NG2G-16A-108-440	22.43					
							R-NG2G-16A-108-445	22.68					
							R-NG2G-16A-108-450	22.93					
					xvi	Bifacial Mono c-Si PERC Module (Glass to Glass)	R-PG2G-10A-108-385 (385 Wp)	R-PG2G-10A-108-375	19.11	108 (Half Cut Cells)	1500		
							R-PG2G-10A-108-380	19.37					
							R-PG2G-10A-108-385	19.62					
							R-PG2G-10A-108-390	19.88					
					xvii	Bifacial Mono c-Si PERC Module (Glass to Glass)	R-PG2G-10A-108-405 (405 Wp)	R-PG2G-10A-108-395	20.13	108 (Half Cut Cells)	1500		
							R-PG2G-10A-108-400	20.39					
							R-PG2G-10A-108-405	20.64					
							R-PG2G-10A-108-410	20.90					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity			
												From	To (subject to valid BIS Registration; else deemed to be delisted)		
7	M/s. Rajasthan Electronics and Instruments Limited (REIL) (Model Addition under Co-ALMM)	Co-ALMM with M/s. Sunbond Energy Private Limited. Manufacturing Address: S.No. 181/P2 Opp. 66 kV substation, Mitana-Padadhari Road , Mitana, Rajkot - 363650, Gujarat, India	R-72013498	10 (As per CoBranding Agreement)	i	Bifacial Mono c-Si PERC Module (Glass to Transperant Backsheet)	RSEPLM10B156-585 (585 Wp)	RSEPLM10B156-565	20.22	156 (Half Cut Cells)	1500	19.09.2025	12.06.2027		
								RSEPLM10B156-570	20.40						
								RSEPLM10B156-575	20.58						
								RSEPLM10B156-580	20.76						
								RSEPLM10B156-585	20.94						
								RSEPLM10B156-590	21.12						
								RSEPLM10B156-595	21.29						
								RSEPLM10B156-600	21.47						
								RSEPLM10B156-600	21.47						
					ii	Bifacial Mono c-Si PERC Module (Glass to Transperant Backsheet)	RSEPLM10B144-550 (550 Wp)	RSEPLM10B144-540	20.90	144 (Half Cut Cells)	1500				
								RSEPLM10B144-545	21.10						
								RSEPLM10B144-550	21.29						
					iii	Mono c-Si PERC Module	RSEPLM10-545 (545 Wp)	RSEPLM10-540	20.90	144 (Half Cut Cells)	1500				
								RSEPLM10-545	21.10						
								RSEPLM10-550	21.29						
8	M/s. Emmvee Energy Private Limited (New Addition in ALMM)	Ground, 13/1, 13/2, 14, 15/1, 15/2, 16/1, 16/2, 17/1, 17/2 to 22/3, HSK Logistics Assets (India) Pvt Ltd, B & C Block, NH 648, HSK Logistics Assets (India) Pvt Ltd, Kadaranapura Village, Sulbele - 562129, Bengaluru Rural, Karnataka, India	R-62006050	2229	i	Bifacial N-Type TOPCon Module (Glass to Glass)	E595HCBG144-T (595 Wp)	E605HCBG144-T	23.42	144 (Half Cut Cells)	1500	19.09.2025	18.09.2029		
								E600HCBG144-T	23.23						
								E595HCBG144-T	23.03						
								E590HCBG144-T	22.84						
								E585HCBG144-T	22.65						
								E580HCBG144-T	22.45						
								E575HCBG144-T	22.26						
								E570HCBG144-T	22.07						
								E565HCBG144-T	21.87						
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	E560HCBG144-T (560 Wp)	E560HCBG144-T	21.68	144 (Half Cut Cells)	1500				
								E555HCBG144-T	21.48						
								E550HCBG144-T	21.29						
								E545HCBG144-T	21.10						
								E530HCBG132-T	22.29					132 (Half Cut Cells)	1500
								E525HCBG132-T	22.08						
					E520HCBG132-T	21.87									
					E515HCBG132-T	21.66									
					E510HCBG132-T	21.45									
					E505HCBG132-T	21.24									
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	E515HCBG132-T (515 Wp)	E500HCBG132-T	21.03	120 (Half Cut Cells)	1500				
								E480HCBG120-T	22.13						
								E475HCBG120-T	21.90						
								E470HCBG120-T	21.67						
								E465HCBG120-T	21.44						
								E460HCBG120-T	21.20						
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	E465HCBG120-T (465 Wp)	E455HCBG120-T	20.97	108 (Half Cut Cells)	1500				
								E435HCBG108-T	22.30						
E430HCBG108-T	22.05														
E425HCBG108-T	21.79														
E420HCBG108-T	21.53														
E415HCBG108-T	21.28														
v	Bifacial N-Type TOPCon Module (Glass to Glass)	E420HCBG108-T (420 Wp)	E410HCBG108-T	21.02	132 (Half Cut Cells)	1500									
			LE132MBF625H	23.14											
			LE132MBF620H	22.95											
			LE132MBF615H	22.77											
			LE132MBF610H	22.58											
			LE132MBF605H	22.40											
9	M/s. Lubi Electronics (Model Addition under Co-ALMM)	Co-ALMM with M/s. Solex Energy Limited Plot No 1A, Block 938, Tadkeshwar, Kim Mandvi Road, Mandvi, Surat - 394110, Gujarat, India	40 (As per CoBranding Agreement)	R-72011304	i	Bifacial N-Type TOPCon Module (Glass to Glass)	LE132MBF600H (600 Wp)	LE132MBF600H	22.21	132 (Half Cut Cells)	1500	19.09.2025	22.08.2026		
								LE132MBF595H	22.03						
								LE132MBF590H	21.84						
								LE132MBF585H	21.66						
								LE132MBF580H	21.47						
								LE132MBF575H	21.29						
								LE132MBF570H	21.10						
								LE120MBF565H	22.94					120 (Half Cut Cells)	1500
								LE120MBF560H	22.74						
					LE120MBF555H	22.53									
					LE120MBF550H	22.33									
					LE120MBF545H	22.13									
					LE120MBF540H	21.94									
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	LE120MBF540H (540 Wp)	LE120MBF540H	21.74						
								LE120MBF535H	21.53						
LE120MBF530H	21.33														
LE120MBF525H	21.13														
LE120MBF520H	20.94														
LE120MBF515H	20.74														

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								LE120MBF540H	21.92				
								LE120MBF535H	21.72				
								LE120MBF530H	21.52				
								LE120MBF525H	21.32				
								LE120MBF520H	21.11				
								LE120MBF515H	20.91				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	LE108MBF490H (490 Wp)	LE108MBF510H	22.92	108 (Half Cut Cells)	1500		
								LE108MBF505H	22.70				
								LE108MBF500H	22.47				
								LE108MBF495H	22.25				
								LE108MBF490H	22.02				
								LE108MBF485H	21.80				
								LE108MBF480H	21.57				
								LE108MBF475H	21.35				
								LE108MBF470H	21.12				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	LE96MBF430H (430 Wp)	LE96MBF450H	22.65	96 (Half Cut Cells)	1500		
								LE96MBF445H	22.40				
								LE96MBF440H	22.15				
								LE96MBF435H	21.89				
								LE96MBF430H	21.64				
								LE96MBF425H	21.39				
								LE96MBF420H	21.14				
								LE96MBF415H	20.89				
								LE96MBF410H	20.64				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	LE84MBF380H (380 Wp)	LE84MBF395H	22.59	84 (Half Cut Cells)	1500		
								LE84MBF390H	22.30				
								LE84MBF585H	22.02				
								LE84MBF380H	21.73				
								LE84MBF375H	21.45				
								LE84MBF370H	21.16				
								LE84MBF365H	20.87				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	LE72MBF325H (325 Wp)	LE72MBF340H	22.51	72 (Half Cut Cells)	1500		
								LE72MBF335H	22.18				
								LE72MBF330H	21.85				
								LE72MBF325H	21.52				
								LE72MBF320H	21.19				
								LE72MBF315H	20.85				
								LE72MBF310H	20.52				
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	LE144MBF585H (585 Wp)	LE144MBF610H	23.61	144 (Half Cut Cells)	1500		
								LE144MBF605H	23.42				
								LE144MBF600H	23.23				
								LE144MBF595H	23.03				
								LE144MBF590H	22.84				
								LE144MBF585H	22.65				
								LE144MBF580H	22.45				
								LE144MBF575H	22.26				
								LE144MBF570H	22.07				
								LE144MBF565H	21.87				
								LE144MBF560H	21.68				
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	LE132MBF520H (520 Wp)	LE132MBF535H	22.54	132 (Half Cut Cells)	1500		
								LE132MBF530H	22.33				
								LE132MBF525H	22.12				
								LE132MBF520H	21.91				
								LE132MBF515H	21.70				
								LE132MBF510H	21.49				
								LE132MBF505H	21.28				
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	LE120MBF470H (470 Wp)	LE120MBF485H	22.36	120 (Half Cut Cells)	1500		
								LE120MBF480H	22.13				
								LE120MBF475H	21.90				
								LE120MBF470H	21.67				
								LE120MBF465H	21.44				
								LE120MBF460H	21.20				
					x	Bifacial N-Type TOPCon Module (Glass to Glass)	LE108MBF415H (415 Wp)	LE108MBF435H	22.17	108 (Half Cut Cells)	1500		
								LE108MBF430H	21.92				
								LE108MBF425H	21.66				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								LE108MBF420H	21.41				
								LE108MBF415H	21.15				
					xi	Bifacial N-Type TOPCon Module (Glass to Glass)	LE96MBF380H (380Wp)	LE96MBF390H	22.33	96 (Half Cut Cells)	1500		
							LE96MBF385H	22.05					
							LE96MBF380H	21.76					
							LE96MBF375H	21.47					
							LE96MBF370H	21.19					
					xii	Bifacial N-Type TOPCon Module (Glass to Glass)	LE84MBF330H (330 Wp)	LE84MBF340H	22.13	84 (Half Cut Cells)	1500		
							LE84MBF330H	21.48					
							LE84MBF325H	21.15					
					xiii	Bifacial N-Type TOPCon Module (Glass to Glass)	LE72MBF285H (285 Wp)	LE72MBF290H	21.86	72 (Half Cut Cells)	1500		
							LE72MBF285H	21.48					
							LE72MBF280H	21.10					

Note: In case of model inclusion or capacity addition / change, through revision in ALMM List, the capacity mentioned against any manufacturing unit, as appearing in the said Revision to the ALMM List, shall be the ALMM enlisted manufacturing capacity for that manufacturing unit (from the date of the said revision), and the capacity enlisted for that manufacturing unit should not be interpreted as Sum of (enlisted capacity for that manufacturing unit in previous ALMM list/ previous revision to ALMM List) and (enlisted capacity in the present revision)

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.

Dated: 13th August 2025

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

- Ref:** (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR-Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;
(iv) MNRE's O.M. No. 32/33/2024-SPV Division dated 06.05.2025;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M.s referred at (ii), (iii) & (iv) above, inter-alia, directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	Application/Use	Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules	
		For c-Si technology based solar PV modules	For CdTe thin film technology based solar PV modules
Category-I	Utility/Grid Scale Power Plants	20.00%	19.00%
Category-II	Rooftop and Solar Pumping	19.50%	18.50%
Category-III	Off-grid projects/applications like solar lamps, solar lights, solar street lights, solar fans, etc. (other than solar powered agricultural pumps and solar PV rooftops) requiring individual capacity of each solar PV module deployed, to be of less than 200 Watt peak	18.00%	18.00%
		(not to be included in main ALMM List-I but to be included in a separate ALMM list called ALMM List-I (DRE))	
Category-IV	Any other application	19.00%	18.00%

3. Post the aforesaid O.M. dated 10.05.2023 and subsequent O.M.s dated 22.03.2024 and 06.05.2025, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 30.06.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XLI (in the format of additions / modifications to Revision-XL) is enclosed at Annexure-I. The last revision no. XL dated 30.06.2025 along with provisional enlistments therein (excluding those which have been removed on account of inclusion in main ALMM List-I) is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.



(Sanjay G. Karndhar)

Scientist-E

E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned

Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

A. Amendments/ Updates in previous lists of ALMM List-I

1. **M/s. TP Solar Limited** (ALMM list for solar PV modules issued on 27.03.2024 => Sl. No. 54) -
The efficiencies of the models at pt. ii, iii, ix & x of ALMM List, are updated as in the table below: -

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)
02	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP520HG10B (520Wp)	TP500HG10B	19.36
			TP505HG10B	19.55
			TP510HG10B	19.74
			TP515HG10B	19.94
			TP520HG10B	20.13
			TP525HG10B	20.32
			TP530HG10B	20.52
			TP535HG10B	20.71
			TP540HG10B	20.90
03	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP550HG10B (550 Wp)	TP545HG10B	21.10
			TP550HG10B	21.29
			TP555HG10B	21.48
09	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP520HG10TB (520Wp)	TP500HG10TB	19.36
			TP505HG10TB	19.55
			TP510HG10TB	19.74
			TP515HG10TB	19.94
			TP520HG10TB	20.13
			TP525HG10TB	20.32
			TP530HG10TB	20.52
			TP535HG10TB	20.71
			TP540HG10TB	20.90
10	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP550HG10TB (550 Wp)	TP545HG10TB	21.10
			TP550HG10TB	21.29
			TP555HG10TB	21.48



2. **M/s. ADM Solar Power & Infrastructure Pvt. Ltd.** (ALMM list for solar PV modules issued on 27.03.2025 => Sl. No. 66) - The enlisted modules are updated as in the table below:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (V)
1	Mono c-Si PERC Module	ADM270 (270Wp)	ADM265	20.14	72 (Half Cut Cells)	1500
			ADM270	20.52		
			ADM275	20.90		
2	Mono c-Si PERC Module	ADM360 (360Wp)	ADM350	19.93	96 (Half Cut Cells)	1500
			ADM355	20.22		
			ADM360	20.50		
			ADM365	20.79		
			ADM370	21.07		
3	Mono c-Si PERC Module	ADM405 (405Wp)	ADM400	20.33	108 (Half Cut Cells)	1500
			ADM405	20.58		
			ADM410	20.83		
4	Mono c-Si PERC Module	ADM450 (450Wp)	ADM445	20.43	120 (Half Cut Cells)	1500
			ADM450	20.66		
			ADM455	20.89		
5	Mono c-Si PERC Module	ADM500 (500Wp)	ADM485	20.31	132 (Half Cut Cells)	1500
			ADM490	20.52		
			ADM495	20.73		
			ADM500	20.94		
			ADM505	21.15		
6	Mono c-Si PERC Module	ADM525-144M (525Wp)	ADM520	20.16	144 (Half Cut Cells)	1500
			ADM525	20.35		
			ADM530	20.51		
			ADM535	20.71		
			ADM540	20.90		
			ADM545	21.09		
			ADM550	21.29		
7	Mono c-Si PERC Module	ADM590 (590Wp)	ADM575	20.57	156 (Half Cut Cells)	1500
			ADM580	20.74		
			ADM585	20.92		
			ADM590	21.10		

3. **M/s. Unique Sun Power LLP** (ALMM list for solar PV modules issued on 21.05.2025 => Sl. No. 4)
4) Name of M/s. Unique Sun Power LLP has been changed to **M/s. Unique Sun Power Private Limited**

B. New additions on 13/08/2025 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
1	M/s. Arkalight Solar Private Limited (New Addition in ALMM)	Block No. 344, Arkalight Solar Private limited, Karanj, 344, Mandvi, Surat -394110, Gujarat, India	R-72012661	506	i	Bifacial N-Type TOPCon Module (Glass to Glass)	AS-590-N-72H-GG (590 Wp)	AS-570-N-72H-GG	22.07	144 (Half Cut Cells)	1500	13.08.2025	12.08.2029
								AS-575-N-72H-GG	22.26				
								AS-580-N-72H-GG	22.45				
								AS-585-N-72H-GG	22.65				
								AS-590-N-72H-GG	22.84				
								AS-595-N-72H-GG	23.03				
								AS-600-N-72H-GG	23.23				
								AS-605-N-72H-GG	23.42				
								AS-610-N-72H-GG	23.61				
2	M/s. MKTEK Solpower India Private Limited (New Addition in ALMM)	6-16, 6/1/1 1-2, Khewat No. 447, Khasra No. 189/4 2-14 5/1, Bhattu Kalan, Kirdhan, Fatehabad - 125053, Haryana, India	R-91017639	46	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	MK144CMB540Wp (540 Wp)	MK144CMB560Wp	21.68	144 (Half Cut Cells)	1500	13.08.2025	12.08.2029
								MK144CMB555Wp	21.48				
								MK144CMB550Wp	21.29				
								MK144CMB545Wp	21.10				
								MK144CMB540Wp	20.90				
								MK144CMB535Wp	20.71				
								MK144CMB530Wp	20.52				
								MK144CMB525Wp	20.32				
								MK144CMB520Wp	20.13				
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	MK132CMB500Wp (500 Wp)	MK132CMB510Wp	21.48	132 (Half Cut Cells)	1500	13.08.2025	12.08.2029
								MK132CMB505Wp	21.27				
								MK132CMB500Wp	21.06				
								MK132CMB495Wp	20.85				
								MK132CMB490Wp	20.64				
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	MK120CMB440Wp (440 Wp)	MK120CMB450Wp	20.80	120 (Half Cut Cells)	1500	13.08.2025	12.08.2029
								MK120CMB445Wp	20.57				
								MK120CMB440Wp	20.34				
								MK120CMB435Wp	20.10				
								MK120CMB430Wp	19.87				
								MK120CMB425Wp	19.64				
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	MK108CMB400Wp (400 Wp)	MK108CMB410Wp	21.00	108 (Half Cut Cells)	1500	13.08.2025	12.08.2029
								MK108CMB405Wp	20.74				
								MK108CMB400Wp	20.48				
								MK108CMB395Wp	20.23				
								MK108CMB390Wp	19.97				
v	Mono c-Si PERC Module	MK144WMB540Wp (540 Wp)	MK144WMB560Wp	21.68	144 (Half Cut Cells)	1500	13.08.2025	12.08.2029					
			MK144WMB555Wp	21.48									
			MK144WMB550Wp	21.29									
			MK144WMB545Wp	21.10									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								MK144WMB540Wp	20.90				
								MK144WMB535Wp	20.71				
								MK144WMB530Wp	20.52				
								MK144WMB525Wp	20.32				
								MK144WMB520Wp	20.13				
					vi	Mono c-Si PERC Module	MK132WMB500Wp (500 Wp)	MK132WMB510Wp	21.48	132 (Half Cut Cells)	1500		
								MK132WMB505Wp	21.27				
								MK132WMB500Wp	21.06				
								MK132WMB495Wp	20.85				
								MK132WMB490Wp	20.64				
					vii	Mono c-Si PERC Module	MK120WMB440Wp (440 Wp)	MK120WMB450Wp	20.80	120 (Half Cut Cells)	1500		
								MK120WMB445Wp	20.57				
								MK120WMB440Wp	20.34				
								MK120WMB435Wp	20.10				
								MK120WMB430Wp	19.87				
								MK120WMB425Wp	19.64				
								MK120WMB420Wp	19.41				
					viii	Mono c-Si PERC Module	MK108WMB400Wp (400 Wp)	MK108WMB410Wp	21.00	108 (Half Cut Cells)	1500		
								MK108WMB405Wp	20.74				
								MK108WMB400Wp	20.48				
								MK108WMB395Wp	20.23				
								MK108WMB390Wp	19.97				
3	M/s. Onix-Tech Renewable Private Limited (New Addition in ALMM)	Plot No. P212 B, Gate No. 2, Metoda Lodhika, GIDC Metoda-Rajkot Road - 360021, Gujarat, India	R-72012360	56	i	Mono c-Si PERC Module	OTR144CMBF545Wp (545 Wp)	OTR144CMBF560Wp	21.70	144 (Half Cut Cells)	1500	13.08.2025	12.08.2029
								OTR144CMBF555Wp	21.50				
								OTR144CMBF550Wp	21.31				
								OTR144CMBF545Wp	21.12				
								OTR144CMBF540Wp	20.92				
								OTR144CMBF535Wp	20.73				
								OTR144CMBF530Wp	20.53				
								OTR144CMBF525Wp	20.34				
								OTR144CMBF520Wp	20.15				
					ii	Mono c-Si PERC Module	OTR144CMD535Wp (535 Wp)	OTR144CMD550Wp	21.31	144 (Half Cut Cells)	1500		
								OTR144CMD545Wp	21.12				
								OTR144CMD540Wp	20.92				
								OTR144CMD535Wp	20.73				
								OTR144CMD530Wp	20.53				
								OTR144CMD525Wp	20.34				
								OTR144CMD520Wp	20.15				
4	M/s. Mundra Solar PV Limited (Model Addition +	Survey No 180P, Co Mundra Solar, Technopark Pvt. Ltd,	R-72008532	2185	i	Bifacial N Type- TOPCon (Glass to Glass)	AB-G12R-132-595 (595 Wp)	AB-G12R-132-585	21.68	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								AB-G12R-132-590	21.86				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity					
												From	To (subject to valid BIS Registration; else deemed to be delisted)				
	Capacity Addition)	Electronic manufacturing Cluster EMC, Village Vandh & Tunda, Mundra, Kutch Adani Ports & SEZ, Tunda, Kachchh -370435, Gujarat						AB-G12R-132-595	22.05								
								AB-G12R-132-600	22.23								
								AB-G12R-132-605	22.42								
								AB-G12R-132-610	22.60								
								AB-G12R-132-615	22.79								
								AB-G12R-132-620	22.97								
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	ASB-M10-144-585 (585 Wp)	ASB-M10-144-585	22.67	144 (Half Cut Cells)	1500						
5	M/s. Credence Solar Panels Private Limited (Model Addition)	Plot no 18 and 19, Survey No 142/2, RajkotJamnagar highway, Padadhari - 360110, Rajkot, Gujarat, India	R-72006165	495	i	Bifacial N-Type TOPCon Module (Glass to Glass)	CS-QBT725-132 (725 Wp)	CS-QBT715-132	23.02	132 (Half Cut Cells)	1500	21.04.2025	20.04.2029				
							CS-QBT720-132	23.18									
							CS-QBT725-132	23.34									
							CS-QBT730-132	23.50									
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	CS-QBT660-120 (660 Wp)	CS-QBT650-120	22.96	120 (Half Cut Cells)	1500						
							CS-QBT655-120	23.13									
							CS-QBT660-120	23.31									
							CS-QBT665-120	23.49									
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	CS-QBT605-110 (605 Wp)	CS-QBT595-110	22.77	110 (Half Cut Cells)	1500						
							CS-QBT600-110	22.96									
							CS-QBT605-110	23.15									
							CS-QBT610-110	23.35									
6	M/s. FS India Solar Ventures Private Limited (Model Addition + Capacity Addition)	Plot No. A-1/1, Sipcot Industrial Park, Pillaipakkam - 602105, Tamil Nadu, India	R-61004316	3433	i	Cadmium Telluride Thin Film Module	FS-7525-TR1 (525 Wp)	FS-7505-TR1	18.06	268 (Thin Film Cells)	1500	29.04.2024	28.04.2028				
							FS-7510-TR1	18.24									
							FS-7515-TR1	18.41									
							FS-7520-TR1	18.59									
							FS-7525-TR1	18.77									
							FS-7530-TR1	18.95									
							FS-7532-TR1	19.02									
							FS-7535-TR1	19.13									
							FS-7540-TR1	19.31									
							FS-7545-TR1	19.49									
					ii	Cadmium Telluride Thin Film Module	FS-7525A-TR1 (525 Wp)	FS-7505A-TR1	18.06					268 (Thin Film Cells)	1500		
							FS-7510A-TR1	18.24									
							FS-7515A-TR1	18.41									
							FS-7520A-TR1	18.59									
							FS-7525A-TR1	18.77									
							FS-7530A-TR1	18.95									
							FS-7532A-TR1	19.02									
							FS-7535A-TR1	19.13									
							FS-7540A-TR1	19.31									
							FS-7545A-TR1	19.49									
					iii	Cadmium Telluride Thin Film Module	FS-7545-FT1 (545 Wp)	FS-7545-FT1	19.49	268 (Thin Film Cells)	1500						
					iv	Cadmium Telluride Thin Film Module	FS-7545A-FT1 (545 Wp)	FS-7545A-FT1	19.49	268 (Thin Film Cells)	1500						

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity						
												From	To (subject to valid BIS Registration; else deemed to be delisted)					
7	M/s. ReNew Photovoltaics Private Limited (Model Addition + Capacity Addition)	Plot No. 232, TP-2/A, Dholera Special Investment Region, Dholera, Ahmedabad - 382455, Gujarat, India	R-72009903	1884	i	Bifacial N Type TOPCon Modules (Glass to Glass)	RPS2MH72BD590 (590 Wp)	RPS2MH72BD570	22.07	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028					
								RPS2MH72BD575	22.26									
								RPS2MH72BD580	22.45									
								RPS2MH72BD585	22.65									
								RPS2MH72BD590	22.84									
								RPS2MH72BD595	23.03									
								RPS2MH72BD600	23.23									
								RPS2MH72BD605	23.42									
								RPS2MH72BD610	23.61									
								8	M/s. Indosol Solar Private Limited (Model Addition + Capacity Addition)					Sy. Nos. 584/9, 584/10, 584/11, Chevuru Village, Gudluru Mandal, Nellore District - 500016, Andhra Pradesh, India	R-66003000	632	i	Bifacial N-Type TOPCon Module (Glass to Glass)
ISTD3M16BN0425	21.76																	
ISTD3M16BN0420	21.51																	
ISTD3M16BN0415	21.25																	
ISTD3M16BN0410	21.00																	
ISTD3M16BN0405	20.74																	
ISTD3M16BN0400	20.48																	
ISTD3M16BN0395	20.23																	
ii	Bifacial N-Type TOPCon Module (Glass to Glass)	ISTD3M16BN1475 (475 Wp)	ISTD3M16BN1480	22.18	120 (Half Cut Cells)	1500												
			ISTD3M16BN1475	21.95														
			ISTD3M16BN1470	21.72														
			ISTD3M16BN1465	21.49														
			iii	Bifacial N-Type TOPCon Module (Glass to Glass)			ISTD3M16BN1450 (450 Wp)			ISTD3M16BN1460	21.26	120 (Half Cut Cells)	1500					
										ISTD3M16BN1455	21.03							
ISTD3M16BN1450	20.80																	
ISTD3M16BN1445	20.57																	
ISTD3M16BN1440	20.34																	
ISTD3M16BN1435	20.10																	
iv	Bifacial N-Type TOPCon Module (Glass to Glass)	ISTD3M16BN2510 (510 Wp)	ISTD3M16BN2530	22.33	132 (Half Cut Cells)	1500												
			ISTD3M16BN2525	22.12														
			ISTD3M16BN2520	21.91														
			ISTD3M16BN2515	21.70														
			ISTD3M16BN2510	21.49														
			ISTD3M16BN2505	21.28														
			ISTD3M16BN2500	21.07														
			ISTD3M16BN2495	20.86														
			ISTD3M16BN2490	20.64														
			ISTD3M16BN2485	20.43														
			v	Bifacial N-Type TOPCon Module (Glass to Glass)			ISTD3M16BN4580 (580 Wp)			ISTD3M16BN4590	22.84	144 (Half Cut Cells)	1500					
										ISTD3M16BN4585	22.65							
								ISTD3M16BN4580	22.45									
								ISTD3M16BN4575	22.26									
ISTD3M16BN4570	22.07																	
ISTD3M16BN4565	21.87																	
vi	Bifacial N-Type TOPCon Module (Glass to Glass)	ISTD3M16BN4550 (550 Wp)	ISTD3M16BN4560	21.68	144 (Half Cut Cells)	1500												
			ISTD3M16BN4555	21.48														
			ISTD3M16BN4550	21.29														
			ISTD3M16BN4545	21.10														
			ISTD3M16BN4540	20.90														
			ISTD3M16BN4535	20.71														
			9	M/s. Avco Power Private Limited (New Addition in ALMM)			New survey No.- 1154, (old Survey No. 81+106-P3/P1), Opposite Raymond's Factory, Village-Khadki, Pardi, Valsad - 396185, Gujarat, India	R-72012432	185	i	Mono c-Si PERC Module	ESBT570-156 (570 Wp)	ESBT560-156	20.06	156 (Half Cut Cells)	1500	13.08.2025	12.08.2029
													ESBT565-156	20.24				
ESBT570-156	20.42																	
ESBT575-156	20.60																	
ESBT580-156	20.78																	
ESBT585-156	20.95																	
ii	Mono c-Si PERC Module	ESBT535-144 (535 Wp)			ESBT520-144	20.15							144 (Half Cut Cells)	1500				
					ESBT525-144	20.34												
					ESBT530-144	20.53												
					ESBT535-144	20.73												
			ESBT540-144	20.92														
			ESBT545-144	21.12														
			ESBT550-144	21.31														
			ESBT555-144	21.50														
iii	Mono c-Si PERC	ESBT485-132	ESBT470-132	19.82	132 (Half Cut Cells)	1500												
			ESBT485-132	20.01														

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						Module	(485 Wp)	ESBT475-132 ESBT480-132 ESBT485-132 ESBT490-132 ESBT495-132 ESBT500-132	20.03 20.24 20.45 20.66 20.87 21.08				
					iv	Mono c-Si PERC Module	ESBT445-120 (445 Wp)	ESBT430-120 ESBT435-120 ESBT440-120 ESBT445-120 ESBT450-120 ESBT455-120	19.83 20.06 20.29 20.52 20.75 20.98	120 (Half Cut Cells)	1500		
					v	Mono c-Si PERC Module	ESBT405-108 (405 Wp)	ESBT390-108 ESBT395-108 ESBT400-108 ESBT405-108 ESBT410-108 ESBT415-108 ESBT420-108	19.85 20.11 20.36 20.61 20.87 21.12 21.38	108 (Half Cut Cells)	1500		
10	M/s. Northgreen Energy Pvt Ltd (New Addition in ALMM)	Shed No.1 Manvi Estate, Saijapur Gopalpur, Piplaj, Shahwadi Road, Near Chitipal Industrial Road, Narol Gam, Ahmedabad - 382405, Gujarat, India	R-72011339	29	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	NG96H345MB (345 Wp)	NG96H360MB NG96H355MB NG96H350MB NG96H345MB NG96H340MB NG96H335MB	20.33 20.33 20.05 19.76 19.47 19.19	96 (Half Cut Cells)	1500	13.08.2025	12.08.2029
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	NG108H400MB (400 Wp)	NG108H410MB NG108H405MB NG108H400MB NG108H395MB	20.97 20.71 20.45 20.20	108 (Half Cut Cells)	1500		
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	NG108H380MB (380 Wp)	NG108H390MB NG108H385MB NG108H380MB NG108H375MB	19.94 19.69 19.43 19.18	108 (Half Cut Cells)	1500		
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	NG120H440MB (440 Wp)	NG120H460MB NG120H455MB NG120H450MB NG120H445MB NG120H440MB NG120H435MB NG120H430MB NG120H425MB NG120H420MB	21.23 21.00 20.77 20.54 20.31 20.08 19.85 19.62 19.39	120 (Half Cut Cells)	1500		
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	NG132H480MB (480 Wp)	NG132H500MB NG132H495MB NG132H490MB NG132H485MB NG132H480MB NG132H475MB NG132H470MB NG132H465MB	21.06 20.85 20.64 20.43 20.22 20.01 19.80 19.59	132 (Half Cut Cells)	1500		
					vi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	NG144H525MB (525 Wp)	NG144H545MB NG144H540MB NG144H535MB NG144H530MB NG144H525MB NG144H520MB NG144H515MB NG144H510MB NG144H505MB	21.12 20.92 20.73 20.53 20.34 20.15 19.95 19.76 19.57	144 (Half Cut Cells)	1500		
11	M/s. Ganesh Green Bharat Limited,	Survey No. 319/320/321, Tundali,	R - 72005886	557	i	Bifacial N Type TOPCon	SGTP156BG-615 (615 WP)	SGTP156BG-630 SGTP156BG-625	22.54 22.36	156 (Half Cut Cell)	1500	25.01.2025	24.01.2029

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity			
												From	To (subject to valid BIS Registration; else deemed to be delisted)		
Mehsna, Gujarat (Model Addition + Capacity Change)	Tundali approach road, Behind Honest Restaurant, Near Nadasan Flyover, Mehsna - 382732, Gujarat, India					Module (Glass to Glass)		SGTP156BG-620	22.18						
								SGTP156BG-615	22.00						
								SGTP156BG-610	21.82						
								SGTP156BG-605	21.64						
								SGTP156BG-600	21.46						
					SGTP156BG-595	21.29									
					ii	Bifacial N TypeTOPCon Module (Glass to Glass)	SGTP 144BG-575 (575 WP)	SGTP144BG-600	23.23					144 (Half Cut Cell)	1500
								SGTP144BG-595	23.03						
								SGTP144BG-590	22.84						
								SGTP144BG-585	22.65						
								SGTP144BG-580	22.45						
								SGTP144BG-575	22.26						
								SGTP144BG-570	22.07						
								SGTP144BG-565	21.87						
								SGTP144BG-560	21.68						
								SGTP144BG-555	21.48						
					iii	Bifacial N TypeTOPCon Module (Glass to Glass)	SGTP 132BG-530 (530 WP)	SGTP132BG-555	23.37					132 (Half Cut Cell)	1500
								SGTP132BG-550	23.16						
								SGTP132BG-545	22.95						
								SGTP132BG-540	22.74						
								SGTP132BG-535	22.53						
								SGTP132BG-530	22.32						
								SGTP132BG-525	22.11						
								SGTP132BG-520	21.90						
								SGTP132BG-515	21.69						
								SGTP132BG-510	21.48						
					iv	Bifacial N TypeTOPCon Module (Glass to Glass)	SGTP 120BG-480 (480 WP)	SGTP120BG-500	23.10					120 (Half Cut Cell)	1500
								SGTP120BG-495	22.87						
								SGTP120BG-490	22.63						
								SGTP120BG-485	22.40						
								SGTP120BG-480	22.17						
								SGTP120BG-475	21.94						
								SGTP120BG-470	21.71						
								SGTP120BG-465	21.48						
								SGTP120BG-460	21.25						
								SGTP120BG-455	21.02						
					v	Bifacial N TypeTOPCon Module (Glass to Glass)	SGTP 108BG-430 (430 WP)	SGTP108BG-450	23.04					108 (Half Cut Cell)	1500
								SGTP108BG-445	22.79						
								SGTP108BG-440	22.53						
								SGTP108BG-435	22.28						
								SGTP108BG-430	22.02						
								SGTP108BG-425	21.76						
								SGTP108BG-420	21.51						
								SGTP108BG-415	21.25						
								SGTP108BG-410	21.00						
								SGTP108BG-405	20.75						
					vi	Bifacial N-Type TOPCon Module (Glass to Transparent Backseet)	SGTP156BT-615 (615 WP)	SGTP156BT-630	22.54					156 (Half Cut Cell)	1500
								SGTP156BT-625	22.36						
								SGTP156BT-620	22.18						
								SGTP156BT-615	22.00						
								SGTP156BT-610	21.82						
								SGTP156BT-605	21.64						
								SGTP156BT-600	21.46						
								SGTP156BT-595	21.29						
								SGTP156BT-590	21.11						
								SGTP156BT-585	20.93						
					vii	Bifacial N-Type TOPCon Module (Glass to Transparent Backseet)	SGTP 144BT-575 (575 WP)	SGTP144BT-600	23.23					144 (Half Cut Cell)	1500
								SGTP144BT-595	23.03						
								SGTP144BT-590	22.84						
								SGTP144BT-585	22.65						
								SGTP144BT-580	22.45						
								SGTP144BT-575	22.26						
								SGTP144BT-570	22.07						
								SGTP144BT-565	21.87						
								SGTP144BT-560	21.68						
								SGTP144BT-555	21.48						
					viii	Bifacial	SGTP 132BT-530	SGTP132BT-555	23.37					132 (Half Cut Cell)	1500

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						N-Type TOPCon Module (Glass to Transparent Backsheet)	(530 WP)	SGTP132BT-550 SGTP132BT-545 SGTP132BT-540 SGTP132BT-535 SGTP132BT-530 SGTP132BT-525 SGTP132BT-520 SGTP132BT-515 SGTP132BT-510	23.16 22.95 22.74 22.53 22.32 22.11 21.90 21.69 21.48				
					ix	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SGTP 120BT-480 (480 WP)	SGTP120BT-500 SGTP120BT-495 SGTP120BT-490 SGTP120BT-485 SGTP120BT-480 SGTP120BT-475 SGTP120BT-470 SGTP120BT-465 SGTP120BT-460	23.10 22.87 22.63 22.40 22.17 21.94 21.71 21.48 21.25	120 (Half Cut Cell)	1500		
					x	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SGTP 108BT-430 (430 WP)	SGTP108BT-450 SGTP108BT-445 SGTP108BT-440 SGTP108BT-435 SGTP108BT-430 SGTP108BT-425 SGTP108BT-420 SGTP108BT-415 SGTP108BT-410	23.04 22.79 22.53 22.28 22.02 21.76 21.51 21.25 21.00	108 (Half Cut Cell)	1500		
12	M/s. Integrated Batteries India Pvt Ltd, Greater Noida, Uttar Pradesh (Model Addition + Capacity Addition)	Plot No. 40, Sector - 10, Greater Noida - 201310, Uttar Pradesh, India	R-93017612	284	i	Bifacial N-Type TOPCon Module (Glass to Glass)	IBMPH-620 (620 Wp)	IBMPH-605 IBMPH-610 IBMPH-615 IBMPH-620 IBMPH-625 IBMPH-630 IBMPH-635 IBMPH-640	21.62 21.79 21.97 22.15 22.33 22.51 22.69 22.87	156 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	IBMPH-575 (575 Wp)	IBMPH-550 IBMPH-555 IBMPH-560 IBMPH-565 IBMPH-570 IBMPH-575 IBMPH-580 IBMPH-585 IBMPH-590 IBMPH-595 IBMPH-600	21.29 21.48 21.68 21.87 22.07 22.26 22.45 22.65 22.84 23.03 23.23	144 (Half Cut Cells)	1500		
13	M/s. ECE (India) Energies Pvt. Ltd, Amravati, Maharashtra, (Model Addition + Capacity Change)	F-27, Express Highway, MIDC, Amravati-444607, Maharashtra, India	R-71012220	39	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECE096M355 (355 Wp)	ECE096M350 ECE096M355 ECE096M360 ECE096M365	20.12 20.41 20.69 20.98	96 (Half Cut Cells)	1500	04.03.2024	03.03.2028
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECE108M400 (400 Wp)	ECE108M390 ECE108M395 ECE108M400 ECE108M405 ECE108M410	20.00 20.25 20.51 20.76 21.02	108 (Half Cut Cells)	1500		
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECE120M445 (445 Wp)	ECE120M435 ECE120M440 ECE120M445 ECE120M450 ECE120M455	20.13 20.36 20.59 20.82 21.05	120 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECE132M490 (490 Wp)	ECE132M480 ECE132M485 ECE132M490 ECE132M495 ECE132M500	20.23 20.44 20.65 20.87 21.08	132 (Half Cut Cells)	1500		
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECE144M545 (545 Wp)	ECE144M525 ECE144M530 ECE144M535 ECE144M540 ECE144M545 ECE144M550 ECE144M555 ECE144M560	20.32 20.52 20.71 20.90 21.10 21.29 21.48 21.68	144 (Half Cut Cells)	1500		
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	ECE144T580 (580Wp)	ECE144T565 ECE144T570 ECE144T575 ECE144T580 ECE144T585 ECE144T590 ECE144T595 ECE144T600	21.87 22.07 22.26 22.45 22.65 22.84 23.03 23.23	144 (Half Cut Cells)	1500		
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	ECE132T535 (535Wp)	ECE132T515 ECE132T520 ECE132T525 ECE132T530 ECE132T535 ECE132T540 ECE132T545 ECE132T550	21.71 21.92 22.13 22.34 22.55 22.76 22.97 23.18	132 (Half Cut Cells)	1500		
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	ECE120T480 (480Wp)	ECE120T465 ECE120T470 ECE120T475 ECE120T480 ECE120T485 ECE120T490 ECE120T495 ECE120T500	21.51 21.75 21.98 22.21 22.44 22.67 22.90 23.13	120 (Half Cut Cells)	1500		
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	ECE108T435 (435Wp)	ECE108T420 ECE108T425 ECE108T430 ECE108T435 ECE108T440 ECE108T445 ECE108T450 ECE108T455	21.53 21.79 22.05 22.30 22.56 22.81 23.07 23.33	108 (Half Cut Cells)	1500		
					x	Bifacial N-Type TOPCon Module (Glass to Glass)	ECE096T390 (390Wp)	ECE096T375 ECE096T380 ECE096T385 ECE096T390 ECE096T395 ECE096T400 ECE096T405	21.56 21.84 22.13 22.42 22.71 22.99 23.28	96 (Half Cut Cells)	1500		
					xi	Bifacial N-Type TOPCon Module (Glass to Glass)	ECE096T370 (370Wp)	ECE096T370	21.27	96 (Half Cut Cells)	1500		
					xii	Bifacial N-Type TOPCon Module (Glass to Glass)	ECE072T295 (295Wp)	ECE072T295 ECE072T300 ECE072T305	19.23 19.55 19.88	72 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
14	M/s. ECE (India) Energies Pvt. Ltd. (Co-ALMM)	Co-ALMM with M/s. Ganesh Green Bharat Limited Manufacturing Address: Survey No. 319/320/321, Tundali, Tundali approach road, Behind Honest Restaurant, Near Nadasan Flyover, Mehsna - 382732, Gujarat, India	R-72012203	100 (As per Co-branding Agreement)	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECE144M535 (535 Wp)	ECE144M520	20.13	144 (Half Cut Cells)	1500	13.08.2025	18.12.2026
								ECE144M525	20.32				
								ECE144M530	20.52				
								ECE144M535	20.71				
								ECE144M540	20.90				
								ECE144M545	21.10				
					ECE144M550	21.29							
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECE132M455 (455 Wp)	ECE132M455	19.16	132 (Half Cut Cells)	1500		
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECE132M480 (480 Wp)	ECE132M460	19.37	132 (Half Cut Cells)	1500		
								ECE132M465	19.58				
								ECE132M470	19.79				
								ECE132M475	20.00				
								ECE132M480	20.21				
								ECE132M485	20.42				
								ECE132M490	20.64				
								ECE132M495	20.85				
					ECE132M500	21.06							
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECE120M435 (435 Wp)	ECE120M415	19.16	120 (Half Cut Cells)	1500		
								ECE120M420	19.39				
								ECE120M425	19.62				
ECE120M430	19.85												
ECE120M435	20.08												
ECE120M440	20.31												
ECE120M445	20.55												
ECE120M450	20.78												
ECE120M455	21.01												
ECE120M460	21.24												
v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECE108M385 (385 Wp)	ECE108M375	19.16	108 (Half Cut Cells)	1500							
			ECE108M380	19.41									
			ECE108M385	19.67									
			ECE108M390	19.93									
			ECE108M395	20.18									
15	M/s. Novasys Greenergy Limited (Formerly known as M/s. Novasys Greenergy Private Limited) (Model Addition + Capacity Addition)	Khasra No. 185, Mouza: Mahalgaon, Tehsil: Kamptee, Nagpur-441202, Maharashtra, India	R-71010499	504	i	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA275TG72 (275 Wp)	NOVA275TG72	20.21	72 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ii	Bifacial N-Type TOPCon Module (Glass to Glass)				
					NOVA285TG72	20.94							
					NOVA290TG72	21.31							
					NOVA295TG72	21.68							
					NOVA300TG72	22.05							
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA335TG84 (335 Wp)	NOVA320TG84	20.39	84 (Half Cut Cells)	1500		
								NOVA325TG84	20.71				
								NOVA330TG84	21.03				
								NOVA335TG84	21.34				
								NOVA340TG84	21.66				
								NOVA345TG84	21.98				
								NOVA350TG84	22.30				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA365TG96 (365 Wp)	NOVA365TG96	20.53	96 (Half Cut Cells)	1500		
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA385TG96 (385 Wp)	NOVA370TG96	20.81	96 (Half Cut Cells)	1500		
								NOVA375TG96	21.09				
								NOVA380TG96	21.37				
								NOVA385TG96	21.65				
								NOVA385TG96	21.65				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity			
												From	To (subject to valid BIS Registration; else deemed to be delisted)		
								NOVA390TG96	21.93						
								NOVA395TG96	22.21						
								NOVA400TG96	22.50						
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA430TG108 (430 Wp)	NOVA4110TG108	20.64	108 (Half Cut Cells)	1500				
							NOVA415TG108	20.89							
							NOVA420TG108	21.14							
							NOVA425TG108	21.39							
							NOVA430TG108	21.64							
							NOVA435TG108	21.89							
							NOVA440TG108	22.15							
							NOVA445TG108	22.40							
							NOVA450TG108	22.65							
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA455TG120 (255 Wp)	NOVA455TG120	20.72			120 (Half Cut Cells)	1500		
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA480TG120 (480 Wp)	NOVA460TG120	20.95	120 (Half Cut Cells)	1500				
							NOVA465TG120	21.18							
							NOVA470TG120	21.41							
							NOVA475TG120	21.64							
							NOVA480TG120	21.86							
							NOVA485TG120	22.09							
							NOVA490TG120	22.32							
							NOVA495TG120	22.55							
							NOVA500TG120	22.77							
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA525TG132 (525 Wp)	NOVA500TG132	20.80			132 (Half Cut Cells)	1500		
							NOVA505TG132	21.01							
							NOVA510TG132	21.21							
							NOVA515TG132	21.42							
							NOVA520TG132	21.63							
							NOVA525TG132	21.84							
							NOVA530TG132	22.05							
							NOVA535TG132	22.25							
							NOVA540TG132	22.46							
							NOVA545TG132	22.67							
							NOVA550TG132	22.88							
					x	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA575TG144 (575 Wp)	NOVA550TG144	21.08	144 (Half Cut Cells)	1500				
							NOVA555TG144	21.27							
							NOVA560TG144	21.46							
							NOVA565TG144	21.65							
							NOVA570TG144	21.84							
							NOVA575TG144	22.04							
							NOVA580TG144	22.23							
							NOVA585TG144	22.42							
							NOVA590TG144	22.61							
							NOVA595TG144	22.80							
							NOVA600TG144	22.99							
					xi	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA275TC72 (275 Wp)	NOVA275TC72	20.21			72 (Half Cut Cells)	1500		
					xii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA290TC72 (290 Wp)	NOVA280TC72	20.58	72 (Half Cut Cells)	1500				
							NOVA285TC72	20.94							
							NOVA290TC72	21.31							
							NOVA295TC72	21.68							
							NOVA300TC72	22.05							
					xiii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA335TC84 (335 Wp)	NOVA320TC84	20.39	84 (Half Cut Cells)	1500				
							NOVA325TC84	20.71							
							NOVA330TC84	21.03							
							NOVA335TC84	21.34							
							NOVA340TC84	21.66							
							NOVA345TC84	21.98							
							NOVA350TC84	22.30							

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xiv	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA365TC96 (365 Wp)	NOVA365TC96	20.53	96 (Half Cut Cells)	1500		
					xv	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA385TC96 (385 Wp)	NOVA370TC96	20.81	96 (Half Cut Cells)	1500		
				NOVA375TC96				21.09					
				NOVA380TC96				21.37					
				NOVA385TC96				21.65					
				NOVA390TC96				21.93					
				NOVA395TC96				22.21					
					xvi	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA430TC108 (430 Wp)	NOVA400TC96	22.50	108 (Half Cut Cells)	1500		
				NOVA410TC108				20.64					
				NOVA415TC108				20.89					
				NOVA420TC108				21.14					
				NOVA425TC108				21.39					
				NOVA430TC108				21.64					
					xvii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA455TC120 (455 Wp)	NOVA435TC108	21.89	120 (Half Cut Cells)	1500		
				NOVA440TC108				22.15					
				NOVA445TC108				22.40					
				NOVA450TC108				22.65					
				NOVA455TC120				20.72					
				NOVA460TC120				20.95					
					xviii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA480TC120 (480 Wp)	NOVA465TC120	21.18	120 (Half Cut Cells)	1500		
				NOVA470TC120				21.41					
				NOVA475TC120				21.64					
				NOVA480TC120				21.86					
				NOVA485TC120				22.09					
				NOVA490TC120				22.32					
					xix	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA525TC132 (525 Wp)	NOVA495TC120	22.55	132 (Half Cut Cells)	1500		
				NOVA500TC120				22.77					
				NOVA500TC132				20.80					
				NOVA505TC132				21.01					
				NOVA510TC132				21.21					
				NOVA515TC132				21.42					
					xx	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA575TC144 (575 Wp)	NOVA520TC132	21.63	144 (Half Cut Cells)	1500		
				NOVA525TC132				21.84					
				NOVA530TC132				22.05					
				NOVA535TC132				22.25					
				NOVA540TC132				22.46					
				NOVA545TC132				22.67					
					xxi	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA625TC156 (625 Wp)	NOVA550TC132	22.88	156 (Half Cut Cells)	1500		
				NOVA550TC144				21.08					
				NOVA555TC144				21.27					
				NOVA560TC144				21.46					
				NOVA565TC144				21.65					
				NOVA570TC144				21.84					
					xxii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA600TC144 (600 Wp)	NOVA575TC144	22.04	156 (Half Cut Cells)	1500		
				NOVA580TC144				22.23					
				NOVA585TC144				22.42					
				NOVA590TC144				22.61					
				NOVA595TC144				22.80					
				NOVA600TC144				22.99					
					xxiii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA625TC156 (625 Wp)	NOVA600TC156	21.27	156 (Half Cut Cells)	1500		
				NOVA605TC156				21.45					
				NOVA610TC156				21.63					
				NOVA615TC156				21.81					
				NOVA620TC156				21.98					
				NOVA625TC156				22.16					
					xxiv	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA630TC156 (630 Wp)	NOVA630TC156	22.34	156 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								NOVA635TC156	22.52				
								NOVA640TC156	22.69				
								NOVA645TC156	22.87				
								NOVA650TC156	23.05				
16	M/s. Aavaada Electro Private Limited (Model Addition + Capacity Addition)	Khasra No. 1145, 1146, 1150, 1151, 1152, 1154, 1156, Village - Kot, Tehsil - Dadri, Pargana, Dadri, Gautam Buddha Nagar - 203207, Uttar Pradesh, India	R-93030724	1311	i	Bifacial N-Type TOPCon Module (Glass to Glass)	AVN66M10LG535 (535 Wp)	AVN66M10LG545	22.95	132 (Half Cut Cells)	1500	28.08.2024	27.08.2028
								AVN66M10LG540	22.74				
								AVN66M10LG535	22.53				
								AVN66M10LG530	22.32				
								AVN66M10LG525	22.11				
								AVN72M10LG610	23.61				
								AVN72M10LG605	23.42				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	AVN72M10LG595 (595 Wp)	AVN72M10LG600	23.23				
								AVN72M10LG595	23.03				
								AVN72M10LG590	22.84				
								AVN72M10LG585	22.65				
								AVN72M10LG580	22.45				
								CSPL-156THC-GF-605	21.63	156 (Half Cut Cells)	1500		
								CSPL-156THC-GF-610	21.81				
CSPL-156THC-GF-615	21.99												
CSPL-156THC-GF-620	22.17												
CSPL-156THC-GF-625	22.35												
CSPL-156THC-GF-630	22.53												
CSPL-156THC-GF-635	22.71												
ii	Bifacial-N-type TOPCon Module (Glass to Glass)	CSPL-144THC-GF-580 (580 Wp)	CSPL-156THC-GF-640	22.89									
			CSPL-156THC-GF-645	23.07									
			CSPL-156THC-GF-650	23.24									
			CSPL-144THC-GF-555	21.48									
			CSPL-156THC-GF-560	21.68									
			CSPL-144THC-GF-565	21.87									
			CSPL-144THC-GF-570	22.07									
iii	Bifacial-N-type TOPCon Module (Glass to Glass)	CSPL-144THC-GF-545 (545 Wp)	CSPL-144THC-GF-575	22.26									
			CSPL-144THC-GF-580	22.45									
			CSPL-144THC-GF-585	22.65									
iv	Bifacial-N-type TOPCon Module (Glass to Glass)	CSPL-132THC-GF-510 (510 Wp)	CSPL-144THC-GF-590	22.84									
			CSPL-144THC-GF-595	23.03									
			CSPL-144THC-GF-600	23.23									
			CSPL-144THC-GF-540	20.90									
			CSPL-144THC-GF-545	21.10									
			CSPL-144THC-GF-550	21.29									
			CSPL-132THC-GF-490	20.65									
v	Bifacial-N-type TOPCon Module (Glass to Glass)	CSPL-132THC-GF-485 (485 Wp)	CSPL-132THC-GF-495	20.87									
			CSPL-132THC-GF-500	21.08									
			CSPL-132THC-GF-505	21.29									
			CSPL-132THC-GF-510	21.50									
			CSPL-132THC-GF-515	21.71									
			CSPL-132THC-GF-520	21.92									
			CSPL-132THC-GF-525	22.13									
vi	Bifacial-N-type TOPCon Module (Glass to Glass)	CSPL-120THC-GF-460 (460 Wp)	CSPL-132THC-GF-530	22.34									
			CSPL-132THC-GF-535	22.55									
			CSPL-132THC-GF-485	20.44									
			CSPL-132THC-GF-490	20.65									
			CSPL-120THC-GF-440	20.34									
			CSPL-120THC-GF-445	20.57									
			CSPL-120THC-GF-450	20.80									
vii	Bifacial-N-type	CSPL-108THC-GF-425	CSPL-120THC-GF-455	21.03									
			CSPL-120THC-GF-460	21.26									
			CSPL-120THC-GF-465	21.49									
			CSPL-120THC-GF-470	21.72									
			CSPL-120THC-GF-475	21.95									
			CSPL-120THC-GF-480	22.18									
			CSPL-108THC-GF-410	20.90									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						TOPCon Module (Glass to Glass)	(425 Wp)	CSPL-108THC-GF-415 21.15 CSPL-108THC-GF-420 21.41 CSPL-108THC-GF-425 21.66 CSPL-108THC-GF-430 21.92 CSPL-108THC-GF-435 22.17					
					viii	Bifacial-N-type TOPCon Module (Glass to Glass)	CSPL-96THC-GF-395 (395 Wp)	CSPL-96THC-GF-380 21.79 CSPL-96THC-GF-385 22.07 CSPL-96THC-GF-390 22.36 CSPL-96THC-GF-395 22.65 CSPL-96THC-GF-400 22.93 CSPL-96THC-GF-405 23.22		96 (Half Cut Cells)	1500		
					ix	Mono c-Si PERC Module	CSPL-132MHC-WF-500 (500 Wp)	CSPL-132MHC-WF-500 21.06		132 (Half Cut Cells)	1500		
					x	Bifacial-Mono c-Si PERC Module (Glass to Transparent Backsheet)	CSPL-132MHC-TF-500 (500 Wp)	CSPL-132MHC-TF-500 21.06		132 (Half Cut Cells)	1500		
18	M/s. Redren Energy Pvt. Ltd (Capacity Addition)	Survey No. 154/1, 154/2, Opposite Rangpar, Bus Stand, National Highway No. 27, Jalida, Wankaner, Morbi 363621, Gujarat, India	R-72001775	1034	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-108HCBF400 (400 Wp)	RSM10MP-108HCBF380 19.44 RSM10MP-108HCBF385 19.69 RSM10MP-108HCBF390 19.95 RSM10MP-108HCBF395 20.20 RSM10MP-108HCBF400 20.46 RSM10MP-108HCBF405 20.72 RSM10MP-108HCBF410 20.97 RSM10MP-108HCBF415 21.23 RSM10MP-108HCBF420 21.48		108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-120HCBF425 (425 Wp)	RSM10MP-120HCBF415 19.17 RSM10MP-120HCBF420 19.40 RSM10MP-120HCBF425 19.63 RSM10MP-120HCBF430 19.86 RSM10MP-120HCBF435 20.09		120 (Half Cut Cells)	1500		
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-120HCBF450 (450 Wp)	RSM10MP-120HCBF440 20.33 RSM10MP-120HCBF445 20.56 RSM10MP-120HCBF450 20.79 RSM10MP-120HCBF455 21.02 RSM10MP-120HCBF460 21.25		120 (Half Cut Cells)	1500		
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-132HCBF465 (465 Wp)	RSM10MP-132HCBF455 19.16 RSM10MP-132HCBF460 19.37 RSM10MP-132HCBF465 19.58 RSM10MP-132HCBF470 19.79 RSM10MP-132HCBF475 20.00		132 (Half Cut Cells)	1500		
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-132HCBF495 (495 Wp)	RSM10MP-132HCBF480 20.21 RSM10MP-132HCBF485 20.42 RSM10MP-132HCBF490 20.64 RSM10MP-132HCBF495 20.85 RSM10MP-132HCBF500 21.06 RSM10MP-132HCBF505 21.27		132 (Half Cut Cells)	1500		
					vi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-144HCBF510 (510 Wp)	RSM10MP-144HCBF495 19.16 RSM10MP-144HCBF500 19.36 RSM10MP-144HCBF505 19.55 RSM10MP-144HCBF510 19.74 RSM10MP-144HCBF515 19.94 RSM10MP-144HCBF520 20.13		144 (Half Cut Cells)	1500		
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-144HCBF540 (540 Wp)	RSM10MP-144HCBF525 20.32 RSM10MP-144HCBF530 20.52 RSM10MP-144HCBF535 20.71 RSM10MP-144HCBF540 20.90 RSM10MP-144HCBF545 21.10 RSM10MP-144HCBF550 21.29		144 (Half Cut Cells)	1500		
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-144-590 (590 Wp)	RS-M10TC-144-610 23.61 RS-M10TC-144-605 23.42 RS-M10TC-144-600 23.23		144 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								RS-M10TC-144-595	23.03				
								RS-M10TC-144-590	22.84				
								RS-M10TC-144-585	22.65				
								RS-M10TC-144-580	22.45				
								RS-M10TC-144-575	22.26				
								RS-M10TC-144-570	22.07				
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-144-560 (560 Wp)	RS-M10TC-144-565	21.87	144 (Half Cut Cells)	1500		
								RS-M10TC-144-560	21.68				
								RS-M10TC-144-555	21.48				
								RS-M10TC-144-550	21.29				
					x	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-132-550 (550 Wp)	RS-M10TC-132-560	23.58	132 (Half Cut Cells)	1500		
								RS-M10TC-132-555	23.37				
								RS-M10TC-132-550	23.16				
								RS-M10TC-132-545	22.95				
								RS-M10TC-132-540	22.74				
								RS-M10TC-132-535	22.53				
								RS-M10TC-132-530	22.32				
					xi	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-132-520 (520 Wp)	RS-M10TC-132-525	22.11	132 (Half Cut Cells)	1500		
								RS-M10TC-132-520	21.90				
								RS-M10TC-132-515	21.69				
								RS-M10TC-132-510	21.48				
								RS-M10TC-132-505	21.27				
					xii	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-120-490 (490 Wp)	RS-M10TC-120-505	23.33	120 (Half Cut Cells)	1500		
								RS-M10TC-120-500	23.10				
								RS-M10TC-120-495	22.87				
								RS-M10TC-120-490	22.63				
								RS-M10TC-120-485	22.40				
								RS-M10TC-120-480	22.17				
								RS-M10TC-120-475	21.94				
								RS-M10TC-120-470	21.71				
					xiii	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-120-460 (460 Wp)	RS-M10TC-120-465	21.48	120 (Half Cut Cells)	1500		
								RS-M10TC-120-460	21.25				
								RS-M10TC-120-455	21.02				
					xiv	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-108-440 (440 Wp)	RS-M10TC-108-455	23.27	108 (Half Cut Cells)	1500		
								RS-M10TC-108-450	23.02				
								RS-M10TC-108-445	22.76				
								RS-M10TC-108-440	22.51				
								RS-M10TC-108-435	22.25				
								RS-M10TC-108-430	21.99				
								RS-M10TC-108-425	21.74				
					xv	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-108-415 (415 Wp)	RS-M10TC-108-420	21.48	108 (Half Cut Cells)	1500		
								RS-M10TC-108-415	21.23				
								RS-M10TC-108-410	20.97				
					xvi	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-96-390 (390 Wp)	RS-M10TC-96-400	22.95	96 (Half Cut Cells)	1500		
								RS-M10TC-96-395	22.66				
								RS-M10TC-96-390	22.38				
								RS-M10TC-96-385	22.09				
								RS-M10TC-96-380	21.80				
					xvii	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-96-370 (370 Wp)	RS-M10TC-96-375	21.52	96 (Half Cut Cells)	1500		
								RS-M10TC-96-370	21.23				
								RS-M10TC-96-365	20.94				
								RS-M10TC-96-360	20.65				
					xviii	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-84-340 (340 Wp)	RS-M10TC-84-350	22.83	84 (Half Cut Cells)	1500		
								RS-M10TC-84-345	22.50				
								RS-M10TC-84-340	22.18				
								RS-M10TC-84-335	21.85				
								RS-M10TC-84-330	21.52				
					xix	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-84-320 (320 Wp)	RS-M10TC-84-325	21.20	84 (Half Cut Cells)	1500		
								RS-M10TC-84-320	20.87				
								RS-M10TC-84-315	20.55				
					xx	N-Type TOPCon Module	RSM10CTC144-590 (590 Wp)	RSM10CTC144-610	23.61	144 (Half Cut Cells)	1500		
								RSM10CTC144-605	23.42				
								RSM10CTC144-600	23.23				
								RSM10CTC144-595	23.03				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								RSM10CTC144-590	22.84				
								RSM10CTC144-585	22.65				
								RSM10CTC144-580	22.45				
								RSM10CTC144-575	22.26				
								RSM10CTC144-570	22.07				
					xxi	N-Type TOPCon Module	RSM10CTC144-560 (560 Wp)	RSM10CTC144-565	21.87	144 (Half Cut Cells)	1500		
								RSM10CTC144-560	21.68				
								RSM10CTC144-555	21.48				
								RSM10CTC144-550	21.29				
					xxii	N-Type TOPCon Module	RSM10CTC132-550 (550 Wp)	RSM10CTC132-560	23.58	132 (Half Cut Cells)	1500		
								RSM10CTC132-555	23.37				
								RSM10CTC132-550	23.16				
								RSM10CTC132-545	22.95				
								RSM10CTC132-540	22.74				
								RSM10CTC132-535	22.53				
								RSM10CTC132-530	22.32				
					xxiii	N-Type TOPCon Module	RSM10CTC132-520 (520 Wp)	RSM10CTC132-525	22.11	132 (Half Cut Cells)	1500		
								RSM10CTC132-520	21.90				
								RSM10CTC132-515	21.69				
								RSM10CTC132-510	21.48				
								RSM10CTC132-505	21.27				
					xxiv	N-Type TOPCon Module	RSM10CTC120-490 (490 Wp)	RSM10CTC120-505	23.33	120 (Half Cut Cells)	1500		
								RSM10CTC120-500	23.10				
								RSM10CTC120-495	22.87				
								RSM10CTC120-490	22.63				
								RSM10CTC120-485	22.40				
								RSM10CTC120-480	22.17				
								RSM10CTC120-475	21.94				
								RSM10CTC120-470	21.71				
					xxv	N-Type TOPCon Module	RSM10CTC120-460 (460 Wp)	RSM10CTC120-465	21.48	120 (Half Cut Cells)	1500		
								RSM10CTC120-460	21.25				
								RSM10CTC120-455	21.02				
					xxvi	N-Type TOPCon Module	RSM10CTC108-440 (440 Wp)	RSM10CTC108-455	23.27	108 (Half Cut Cells)	1500		
								RSM10CTC108-450	23.02				
								RSM10CTC108-445	22.76				
								RSM10CTC108-440	22.51				
								RSM10CTC108-435	22.25				
								RSM10CTC108-430	21.99				
								RSM10CTC108-425	21.74				
					xxvii	N-Type TOPCon Module	RSM10CTC108-415 (415 Wp)	RSM10CTC108-420	21.48	108 (Half Cut Cells)	1500		
								RSM10CTC108-415	21.23				
								RSM10CTC108-410	20.97				
					xxviii	N-Type TOPCon Module	RSM10CTC96-390 (390 Wp)	RSM10CTC96-400	22.95	96 (Half Cut Cells)	1500		
								RSM10CTC96-395	22.66				
								RSM10CTC96-390	22.38				
								RSM10CTC96-385	22.09				
								RSM10CTC96-380	21.80				
					xxix	N-Type TOPCon Module	RSM10CTC96-370 (370 Wp)	RSM10CTC96-375	21.52	96 (Half Cut Cells)	1500		
								RSM10CTC96-370	21.23				
								RSM10CTC96-365	20.94				
								RSM10CTC96-360	20.65				
					xxx	N-Type TOPCon Module	RSM10CTC84-340 (340 Wp)	RSM10CTC84-350	22.83	84 (Half Cut Cells)	1500		
								RSM10CTC84-345	22.50				
								RSM10CTC84-340	22.18				
								RSM10CTC84-335	21.85				
								RSM10CTC84-330	21.52				
					xxxi	N-Type TOPCon Module	RSM10CTC84-320 (320 Wp)	RSM10CTC84-325	21.20	84 (Half Cut Cells)	1500		
								RSM10CTC84-320	20.87				
								RSM10CTC84-315	20.55				
					xxxii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC144-590 (590 Wp)	RSM10BTC144-610	23.61	144 (Half Cut Cells)	1500		
								RSM10BTC144-605	23.42				
								RSM10BTC144-600	23.23				
								RSM10BTC144-595	23.03				
								RSM10BTC144-590	22.84				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								RSM10BTC144-585	22.65				
								RSM10BTC144-580	22.45				
								RSM10BTC144-575	22.26				
								RSM10BTC144-570	22.07				
					xxxiii	Bifacial N-Type TOPCon Module (Glass to Transparent)	RSM10BTC144-560 (560 Wp)	RSM10BTC144-565	21.87	144 (Half Cut Cells)	1500		
								RSM10BTC144-560	21.68				
								RSM10BTC144-555	21.48				
								RSM10BTC144-550	21.29				
					xxxiv	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC132-550 (550 Wp)	RSM10BTC132-560	23.58	132 (Half Cut Cells)	1500		
								RSM10BTC132-555	23.37				
								RSM10BTC132-550	23.16				
								RSM10BTC132-545	22.95				
								RSM10BTC132-540	22.74				
								RSM10BTC132-535	22.53				
								RSM10BTC132-530	22.32				
					xxxv	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC132-520 (520 Wp)	RSM10BTC132-525	22.11	132 (Half Cut Cells)	1500		
								RSM10BTC132-520	21.90				
								RSM10BTC132-515	21.69				
								RSM10BTC132-510	21.48				
								RSM10BTC132-505	21.27				
					xxxvi	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC120-490 (490 Wp)	RSM10BTC120-505	23.33	120 (Half Cut Cells)	1500		
								RSM10BTC120-500	23.10				
								RSM10BTC120-495	22.87				
								RSM10BTC120-490	22.63				
								RSM10BTC120-485	22.40				
								RSM10BTC120-480	22.17				
								RSM10BTC120-475	21.94				
								RSM10BTC120-470	21.71				
					xxxvii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC120-460 (460 Wp)	RSM10BTC120-465	21.48	120 (Half Cut Cells)	1500		
								RSM10BTC120-460	21.25				
								RSM10BTC120-455	21.02				
					xxxviii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC108-440 (440 Wp)	RSM10BTC108-455	23.27	108 (Half Cut Cells)	1500		
								RSM10BTC108-450	23.02				
								RSM10BTC108-445	22.76				
								RSM10BTC108-440	22.51				
								RSM10BTC108-435	22.25				
								RSM10BTC108-430	21.99				
								RSM10BTC108-425	21.74				
					xxxix	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC108-415 (415 Wp)	RSM10BTC108-420	21.48	108 (Half Cut Cells)	1500		
								RSM10BTC108-415	21.23				
								RSM10BTC108-410	20.97				
					XL	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC96-390 (390 Wp)	RSM10BTC96-400	22.95	96 (Half Cut Cells)	1500		
								RSM10BTC96-395	22.66				
								RSM10BTC96-390	22.38				
								RSM10BTC96-385	22.09				
								RSM10BTC96-380	21.80				
					XLI	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC96-370 (370 Wp)	RSM10BTC96-375	21.52	96 (Half Cut Cells)	1500		
								RSM10BTC96-370	21.23				
								RSM10BTC96-365	20.94				
								RSM10BTC96-360	20.65				
					XLII	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC84-345 (345 Wp)	RSM10BTC84-350	22.83	84 (Half Cut Cells)	1500		
								RSM10BTC84-345	22.50				
								RSM10BTC84-340	22.18				
								RSM10BTC84-335	21.85				
					XLIII	Bifacial N-Type	RSM10BTC84-325	RSM10BTC84-330	21.52	84 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity			
												From	To (subject to valid BIS Registration; else deemed to be delisted)		
						TOPCon Module (Glass to Transparent Backsheet)	(325 Wp)	RSM10BTC84-325	21.20						
								RSM10BTC84-320	20.87						
								RSM10BTC84-315	20.55						
					XLIV	Mono c-Si PERC Module	RPLUS24380 (380 Wp)	RPLUS24380	19.11					72 (Full Cells)	1500
					XLV	Mono c-Si PERC Module	RPLUS20320 (320 Wp)	RPLUS20330	20.05					60 (Full Cells)	1500
								RPLUS20325	19.74						
								RPLUS20320	19.44						
								RPLUS20315	19.14						
					XLVI	Mono c-Si PERC Module	RPLUS18300 (300 Wp)	RPLUS18300	20.37					54 (Full Cells)	1500
								RPLUS18295	20.03						
								RPLUS18290	19.69						
								RPLUS18285	19.35						
					XLVII	Mono c-Si PERC Module	RSM10MP-72HCMF550 (550Wp)	RSM10MP-72HCMF550	21.29					144 (Half Cut Cells)	1500
					XLVIII	Mono c-Si PERC Module	RSM10MP-72HCMF520 (520Wp)	RSM10MP-72HCMF545	21.10					144 (Half Cut Cells)	1500
								RSM10MP-72HCMF540	20.90						
								RSM10MP-72HCMF535	20.71						
								RSM10MP-72HCMF530	20.52						
								RSM10MP-72HCMF525	20.32						
								RSM10MP-72HCMF520	20.13						
								RSM10MP-72HCMF515	19.94						
								RSM10MP-72HCMF510	19.74						
								RSM10MP-72HCMF505	19.55						
								RSM10MP-72HCMF500	19.35						
								RSM10MP-72HCMF495	19.16						
								XLIX	Mono c-Si PERC Module						
					RSM10MP-66HCMF500	21.06									
					RSM10MP-66HCMF495	20.84									
					RSM10MP-66HCMF490	20.63									
					RSM10MP-66HCMF485	20.42									
					RSM10MP-66HCMF480	20.21									
					RSM10MP-66HCMF475	20.03									
					L	Mono c-Si PERC Module	RSM10MP-66HCMF470 (470 Wp))	RSM10MP-66HCMF470	19.79					132 (Half Cut Cells)	1500
								RSM10MP-66HCMF465	19.58						
								RSM10MP-66HCMF460	19.37						
								RSM10MP-66HCMF455	19.16						
					LI	Mono c-Si PERC Module	RSM10MP-60HCMF460 (460 Wp)	RSM10MP-60HCMF460	21.25					120 (Half Cut Cells)	1500
					LII	Mono c-Si PERC Module	RSM10MP-60HCMF435 (435 Wp)	RSM10MP-60HCMF455	21.02					120 (Half Cut Cells)	1500
								RSM10MP-60HCMF450	20.79						
								RSM10MP-60HCMF445	20.55						
								RSM10MP-60HCMF440	20.32						
								RSM10MP-60HCMF435	20.09						
								RSM10MP-60HCMF430	19.86						
RSM10MP-60HCMF425	19.63														
RSM10MP-60HCMF420	19.40														
LIII	Mono c-Si PERC Module	RSM10MP-54HCMF400 (400 Wp)	RSM10MP-54HCMF420	21.48	108 (Half Cut Cells)	1500									
			RSM10MP-54HCMF415	21.23											
			RSM10MP-54HCMF410	20.97											
			RSM10MP-54HCMF405	20.71											
			RSM10MP-54HCMF400	20.46											
			RSM10MP-54HCMF395	20.20											
			RSM10MP-54HCMF390	19.95											
19	M/s. Vikram Solar Ltd.	Special Economic Zone (SEZ), Sector	R-51000566	2893	i	Bifacial N-Type TOPCon Module	HYPERSOL VSMDH.66.620.05	VPER SOL VSMDH.66.590.	21.84	132 (Half Cut Cells) (Cell Size: 182 mm)	1500	24.02.2024	23.02.2028		
								VPER SOL VSMDH.66.595.	22.03						

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
	(Model Addition + Capacity Addition)	2,Falta, 24 Parganas (South) - 743504, West Bengal, India				(Glass to Glass)	(620 Wp)	/PERSOL_VSM DH.66.600, 22.21 /PERSOL_VSM DH.66.605, 22.40 /PERSOL_VSM DH.66.610, 22.58 /PERSOL_VSM DH.66.615, 22.77 /PERSOL_VSM DH.66.620, 22.95 /PERSOL_VSM DH.66.625, 23.14 /PERSOL_VSM DH.66.630, 23.32 /PERSOL_VSM DH.66.635, 23.51 /PERSOL_VSM DH.66.640, 23.69 /PERSOL_VSM DH.60.580, 23.55 /PERSOL_VSM DH.60.575, 23.35 /PERSOL_VSM DH.60.570, 23.14 /PERSOL_VSM DH.60.565, 22.94 /PERSOL_VSM DH.60.560, 22.74 /PERSOL_VSM DH.60.555, 22.53 /PERSOL_VSM DH.60.550, 22.33 /PERSOL_VSM DH.60.545, 22.13	22.21	*105 mm			
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	HYPERSOL VSM DH.60.560.05 (560 Wp)		23.55	120 (Half Cut Cells) (Cell Size: 182 mm *105 mm)	1500		
20	M/s. H R Solar Solution Private Limited (Model Addition + Capacity Addition)	Raghudebpur, NH-6, Panchla, Block-Uluberia-II, Uluberia, Howrah - 711322, West Bengal, India	R-51001686	187	i	Mono c-Si PERC Module	H550M144 (550 Wp)	H550M144	21.29	144 (Half Cut Cells)	1500	25.01.2025	24.01.2029
21	M/s. Saatvik Solar Industries Private Limited (New Addition in ALMM)	Village Mohari, Tehsil-Shahabad, Markanda, Ambala Road District-Kurukshetra -136135, Haryana	R-91017981	1941	i	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE615-132TGG (615 Wp)	SGE600-132TGG 22.21 SGE605-132TGG 22.40 SGE610-132TGG 22.58 SGE615-132TGG 22.77 SGE620-132TGG 22.95 SGE625-132TGG 23.14	22.21	132 (Half Cut Cells)	1500	13.08.2025	12.08.2029
					ii	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE425-108TGG (425 Wp)	SGE410-108TGG 20.97 SGE415-108TGG 21.23 SGE420-108TGG 21.48 SGE425-108TGG 21.74 SGE430-108TGG 21.99 SGE435-108TGG 22.25 SGE440-108TGG 22.51	20.97	108 (Half Cut Cells)	1500		
					iii	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE475-120TGG (475 Wp)	SGE460-120TGG 21.22 SGE465-120TGG 21.45 SGE470-120TGG 21.68 SGE475-120TGG 21.91 SGE480-120TGG 22.14 SGE485-120TGG 22.37 SGE490-120TGG 22.60	21.22	120 (Half Cut Cells)	1500		
					iv	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE520-132TGG (520 Wp)	SGE510-132TGG 21.46 SGE515-132TGG 21.67 SGE520-132TGG 21.88 SGE525-132TGG 22.09 SGE530-132TGG 22.30 SGE535-132TGG 22.51	21.46	132 (Half Cut Cells)	1500		
					v	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE580-144TGG (580 Wp)	SGE560-144TGG 21.68 SGE565-144TGG 21.87 SGE570-144TGG 22.07 SGE575-144TGG 22.26 SGE580-144TGG 22.45 SGE585-144TGG 22.65 SGE590-144TGG 22.84 SGE595-144TGG 23.03 SGE600-144TGG 23.23	21.68	144 (Half Cut Cells)	1500		
					vi	Bifacial N-Type TOPCon	SGE615-156TGG (615 Wp)	SGE600-156TGG 21.47 SGE605-156TGG 21.65	21.47	156 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						Modules (Glass to Glass)		SGE610-156TGG SGE615-156TGG SGE620-156TGG SGE625-156TGG SGE630-156TGG	21.83 22.01 22.19 22.37 22.55				
22	M/s. Matri Shree Techno Industries (New Addition in ALMM)	Dhauha Mirpur Chunar Mirzapur – 231305, Uttar Pradesh, India	R-93006483	49	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS570M-156 (570 Wp)	GS 580M-156 GS 575M-156 GS 570M-156 GS 565M-156 GS 560M-156	20.75 20.57 20.39 20.21 20.03	156 (Half Cut Cells)	1500	13.08.2025	12.08.2029
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS540M-144 (540 Wp)	GS 560M-144 GS 555M-144 GS 550M-144 GS 545M-144 GS 540M-144 GS 535M-144 GS 530M-144 GS 525M-144	21.68 21.48 21.29 21.10 20.90 20.71 20.52 20.32	144 (Half Cut Cells)	1500		
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS 490M-132 (490 Wp)	GS 500M-132 GS 495M-132 GS 490M-132 GS 485M-132 GS 480M-132	21.07 20.86 20.64 20.43 20.22	132 (Half Cut Cells)	1500		
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS 445M -120 (445 Wp)	GS 455M -120 GS 450M -120 GS 445M -120 GS 440M -120 GS 435M -120	21.03 20.80 20.57 20.34 20.10	120 (Half Cut Cells)	1500		
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS340M (340 Wp)	GS340M	21.11	72 (Half Cut Cells)	1000		
					vi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS340M12 (340 Wp)	GS340M12	21.11	72 (Half Cut Cells)	1000		
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS320M (320 Wp)	GS320M	20.53	72 (Half Cut Cells)	1000		
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS320M12 (320 Wp)	GS320M12	20.53	72 (Half Cut Cells)	1000		
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS220M (220 Wp)	GS220M	20.18	72 (Half Cut Cells)	1000		
					x	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS220M12 (220 Wp)	GS220M12	20.18	72 (Half Cut Cells)	1000		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS160M (160Wp)	GS160M12	20.01	36 (Half Cut Cells)	1000		
23	M/s. Abhishek Solar Industries Private Limited Unit II (Model Addition)	Khata No. 67 Plot No. 53, Mesra, PO – Neori Vikas, Near NH 33, Ranchi, Jharkhand - 835217, India	R-58000140	142	i	Mono c-Si PERC Module	AS-260-M36 (260 Wp)	AS-250-M36	20.95	36 (Half Cut Cells)	1500	24.01.2024	23.01.2028
								AS-260-M36	20.95				
								AS-270-M36	21.27				
					ii	Mono c-Si PERC Module	AS-230-M36 (230 Wp)	AS-220-M36	20.83	36 (Half Cut Cells)	1500		
								AS-230-M36	20.83				
								AS-240-M36	20.83				
					iii	Mono c-Si PERC Module (200 Wp)	AS-200-M36 (200 Wp)	AS-200-M36	20.56	36 (Half Cut Cells)	1500		
								AS-210-M36	20.68				
					iv	Mono c-Si PERC Module	AS-175-M36 (175 Wp)	AS-170-M36	20.43	36 (Half Cut Cells)	1500		
								AS-175-M36	22.46				
								AS-180-M36	20.42				
					v	Mono c-Si PERC Module	AS-160-M36 (160 Wp)	AS-160-M36	20.34	36 (Half Cut Cells)	1500		
								AS-150-M36	20.14				
					vi	Mono c-Si PERC Module	AS-150-M36 (150 Wp)	AS-150-M36	20.14	36 (Half Cut Cells)	1500		
								AS-140-M36	20.02				
					vii	Mono c-Si PERC Module	AS-140-M36 (140 Wp)	AS-140-M36	20.02	36 (Half Cut Cells)	1500		
AS-120-M36	19.74												
AS-125-M36	19.82												
viii	Mono c-Si PERC Module	AS-125-M36 (125 Wp)	AS-130-M36	20.01	36 (Half Cut Cells)	1500							
			AS-110-M36	20.10									
ix	Mono c-Si PERC Module	AS-110-M36 (110 Wp)	AS-110-M36	20.10	36 (Half Cut Cells)	1500							
			AS-100-M36	19.35									
x	Mono c-Si PERC Module	AS-100-M36 (100 Wp)	AS-100-M36	19.35	36 (Half Cut Cells)	1500							
			AS-90-M36	19.38									
xi	Mono c-Si PERC Module	AS-90-M36 (90 Wp)	AS-90-M36	19.38	36 (Half Cut Cells)	1500							
			AS-80-M36	19.21									
xii	Mono c-Si PERC Module	AS-80-M36 (80 Wp)	AS-80-M36	19.21	36 (Half Cut Cells)	1500							
			AS-75-M36	19.35									
xiii	Mono c-Si PERC Module	AS-75-M36 (75 Wp)	AS-75-M36	19.35	36 (Half Cut Cells)	1500							
			AS-110-M32	19.04									
			AS-115-M32	19.15									
xiv	Mono c-Si PERC Module	AS-115-M32 (115 Wp)	AS-120-M32	19.99	32 (Half Cut Cells)	1500							
			AS-80-M32	19.49									
xv	Mono c-Si PERC Module	AS-80-M32 (80 Wp)	AS-80-M32	19.49	32 (Half Cut Cells)	1500							
			AS-75-M32	19.35									
24	M/s. Goldi Sun Private Limited (Model Addition + Capacity Addition)	Unit no 6 (Type F) , Block No. 341, Prime Industrial and Logistic Hub, NR. P.P Savani University, NH-48, Gram Panchayat, Dhamdod - 394125, Surat, Gujarat, India	R-72012467	7263	i	Bifacial N-Type TOPCon Module (Glass to Glass)	GS12R-T132-GF-610 (610 Wp)	GS12R-T132-GF-620	22.95	132 (Half Cut Cell)	1500	27.03.2025	26.03.2029
								GS12R-T132-GF-615	22.77				
								GS12R-T132-GF-610	22.58				
								GS12R-T132-GF-605	22.40				
								GS12R-T132-GF-600	22.21				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	GS12R-T120-GF-555 (555 Wp)	GS12R-T120-GF-565	23.01	120 (Half Cut Cell)	1500		
								GS12R-T120-GF-560	22.81				
								GS12R-T120-GF-555	22.61				
								GS12R-T120-GF-550	22.40				
								GS12R-T120-GF-545	22.20				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	GS10-T108-GF-450 (450 Wp)	GS12R-T108-GF-510	23.00	108 (Half Cut Cell)	1500		
								GS12R-T108-GF-505	22.78				
								GS12R-T108-GF-500	22.55				
								GS12R-T108-GF-495	22.33				
								GS12R-T108-GF-490	22.10				
								GS12R-T108-GF-485	21.87				

Note: In case of model inclusion or capacity addition / change, through revision in ALMM List, the capacity mentioned against any manufacturing unit, as appearing in the said Revision to the ALMM List, shall be the ALMM enlisted manufacturing capacity for that manufacturing unit (from the date of the said revision), and the capacity enlisted for that manufacturing unit should not be interpreted as Sum of (enlisted capacity for that manufacturing unit in previous ALMM list/ previous revision to ALMM List) and (enlisted capacity in the present revision)

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.

Dated: 30th June 2025

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

- Ref: (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR-Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;
(iv) MNRE's O.M. No. 32/33/2024-SPV Division dated 06.05.2025;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M.s referred at (ii), (iii) & (iv) above, inter-alia, directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	Application/Use	Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules	
		For c-Si technology based solar PV modules	For CdTe thin film technology based solar PV modules
Category-I	Utility/Grid Scale Power Plants	20.00%	19.00%
Category-II	Rooftop and Solar Pumping	19.50%	18.50%
Category-III	Off-grid projects/applications like solar lamps, solar lights, solar street lights, solar fans, etc. (other than solar powered agricultural pumps and solar PV rooftops) requiring individual capacity of each solar PV module deployed, to be of less than 200 Watt peak	18.00%	18.00%
Category-IV	Any other application	19.00%	18.00%

3. Post the aforesaid O.M. dated 10.05.2023 and subsequent O.M.s dated 22.03.2024 and 06.05.2025, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 05.06.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XL (in the format of additions / modifications to Revision-XXXIX) is enclosed at Annexure-I. The last revision no. XXXIX dated 05.06.2025 along with provisional enlistments therein (excluding those which have been removed on account of inclusion in main ALMM List-I) is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:

https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.

(Sanjay G. Karndhar)

Scientist-E

E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned

Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

A. Correction of errors in revisions of ALMM List-I

There were some typographical errors in the revisions of ALMM list-I and the same are hereby corrected as follows:

1. **M/s. SASA Energy LLP** - Typo error corrected in validity of Models numbers

Part B of Annexure-I to ALMM Revision dated 05.06.2025 => In Sl. No. 2 => for entries corresponding to R. No. 72005681, may be read as from 27.09.2024 to 26.09.2028 (*subject to valid BIS Registration; else deemed to be delisted*).

2. **M/s Oswal Solar Structure Pvt. Ltd.** - Typo error corrected in validity of Models numbers

Part B of Annexure-I to ALMM Revision dated 21.05.2025 => In Sl. No. 3 => for entries corresponding to R. No. 91013935, may be read as from 24.05.2024 to 23.05.2028 (*subject to valid BIS Registration; else deemed to be delisted*).



B. New additions on 30.06.2025 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order																				
S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity								
												From	To (subject to valid BIS Registration; else deemed to be delisted)							
1	M/s. Jakson Engineers Ltd. (Model Addition & Capacity Change)	Plot No-25, Ecotech-III, Udyog Kendra, Greater Noida-201306, Gautam Budha Nagar, Uttar Pradesh, India	R-93005959	1124	i	Bifacial N- Type TOPCon Module (Glass to Glass)	JN-595G (595 Wp)	JN-600G	23.25	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027							
								JN-595G	23.05											
								JN-590G	22.86											
								JN-585G	22.67											
					ii	Bifacial N- Type TOPCon Module (Glass to Glass)	JN-540G (540 Wp)	JN-540G	22.76	132 (Half Cut Cells)	1500									
								JN-535G	22.55											
					iii	Bifacial N- Type TOPCon Module (Glass to Glass)	JN-490G (490Wp)	JN-490G	22.62	120 (Half Cut Cells)	1500									
					iv	Bifacial N- Type TOPCon Module (Glass to Glass)	JN-440G (440 Wp)	JN-440G	22.55	108 (Half Cut Cells)	1500									
					2	M/s. Nithin Sai Renewables Private Limited (New Addition in ALMM)	Plot No. 75-A, 2nd Phase, Kiadb- Industrial Area, Chintamani Taluk, Mastenahalli Industrial Area, Chikkaballapur - 563128, Karnataka, India	R-62005509	473	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)			NS-P10-144HT-535 (535 Wp)	NS-P10-144HT-550	21.29	144 (Half Cut Cells)	1500	30.06.2025	29.06.2029
															NS-P10-144HT-545	21.10				
															NS-P10-144HT-540	20.90				
															NS-P10-144HT-535	20.71				
NS-P10-144HT-530	20.52																			
NS-P10-144HT-525	20.32																			
NS-P10-144HT-520	20.13																			
ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	NS-P10-132HT-490 (490 Wp)	NS-P10-132HT-500	21.05								132 (Half Cut Cells)	1500							
			NS-P10-132HT-495	20.84																
			NS-P10-132HT-490	20.63																
			NS-P10-132HT-485	20.41																
			NS-P10-132HT-480	20.20																
			NS-P10-132HT-475	20.00																
iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	NS-P10-120HT-440 (440 Wp)	NS-P10-120HT-450	20.72						120 (Half Cut Cells)	1500									
			NS-P10-120HT-445	20.49																
			NS-P10-120HT-440	20.26																
			NS-P10-120HT-435	20.03																
			NS-P10-120HT-430	19.80																
iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	NS-P10-108HT-395 (108 Wp)	NS-P10-108HT-405	20.64						108 (Half Cut Cells)	1500									
			NS-P10-108HT-400	20.39																
			NS-P10-108HT-395	20.13																
			NS-P10-108HT-390	19.88																
			NS-P10-108HT-385	19.63																
			NS-P10-108HT-380	19.38																
			NS-P10-108HT-375	19.13																
3	M/s. Orb Energy Private Limited (Model Addition & Capacity Change)	No. 95, Digital Park Road, 2nd Stage, Yeshwanthapura, Bangalore - 560022, Karnataka, India	R-62001708	72						i	Mono c-Si (PERC) Module	Orb545M144-15 (545 Wp)	Orb545M144-15	21.13	144 (Half Cut Cells)	1500	01.09.2023	31.08.2027		
													Orb550M144-15	21.32						
										ii	Mono c-Si (PERC) Module	Orb500M132-15 (500 Wp)	Orb495M132-15	20.86	132 (Half Cut Cells)	1500				
					Orb500M132-15	21.07														
					iii	Mono c-Si (PERC) Module	Orb455M120-15 (455 Wp)	Orb455M120-15	21.01	120 (Half Cut Cells)	1500									
								Orb450M120-15	20.78											
					iv	Bifacial N-Type TOPCon Module (Glass to Transparent backsheet)	Orb580T144-15 (580 Wp)	Orb580T144-15	22.48	144 (Half Cut Cells)	1500									
								Orb575T144-15	22.29											
								Orb570T144-15	22.09											
					v	Bifacial N-Type TOPCon Module (Glass to Transparent backsheet)	Orb530T132-15 (530 Wp)	Orb530T132-15	22.34	132 (Half Cut Cells)	1500									
								Orb525T132-15	22.13											
								Orb520T132-15	21.92											
								Orb515T132-15	21.71											
								Orb510T132-15	21.50											
					vi	Bifacial N-Type TOPCon Module (Glass to Transparent backsheet)	Orb480T120-15 (480 Wp)	Orb480T120-15	22.17	120 (Half Cut Cells)	1500									
								Orb475T120-15	21.94											
								Orb470T120-15	21.71											
								Orb465T120-15	21.48											

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity						
												From	To (subject to valid BIS Registration; else deemed to be delisted)					
4	M/s. Worldone Energies Private Limited (New Addition in ALMM)	D 18, Umred, MIDC Umred, Umred MIDC Road, Nagpur - 441203, Maharashtra, India	R-71039837	164	i	Bifacial N-Type TOPCon Module (Glass to Glass)	WE630W (630 Wp)	WE605W	21.69	156 (Half Cut Cells)	1500	30.06.2025	29.06.2029					
								WE610W	21.87									
								WE615W	22.05									
								WE620W	22.23									
								WE625W	22.41									
								WE630W	22.59									
								WE635W	22.76									
								WE640W	22.94									
								WE645W	23.12									
								WE650W	23.30									
								ii	Bifacial N-Type TOPCon Module (Glass to Glass)					WE575W (575 Wp)	WE550W	21.32	144 (Half Cut Cells)	1500
															WE555W	21.51		
					WE560W	21.71												
					WE565W	21.90												
					WE570W	22.09												
					WE575W	22.29												
					WE580W	22.48												
					WE585W	22.68												
					WE590W	22.87												
					WE595W	23.06												
					WE600W	23.26												
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	WE525W (525 Wp)			WE500W	21.06				132 (Half Cut Cells)	1500		
								WE510W	21.49									
								WE520W	21.91									
								WE530W	22.33									
								WE535W	22.54									
								WE540W	22.75									
								WE545W	22.96									
								WE550W	23.17									
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	WE470W (470 Wp)	WE450W	20.79	120 (Half Cut Cells)	1500							
								WE460W	21.26									
								WE470W	21.72									
								WE480W	22.18									
								WE490W	22.64									
								PSN_GA595	21.19					156 (Half Cut Cells)	1500			
								PSN_GA600	21.37									
								PSN_GA605	21.55									
					PSN_GA610	21.73												
					PSN_GA615	21.90												
					PSN_GA620	22.08												
PSN_GA625	22.26																	
PSN_GA630	22.44																	
PSN_GA635	22.62																	
PSN_GA640	22.79																	
PSN_GA645	22.97																	
PSN_GA650	23.15																	
ii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GC510 (510 Wp)	PSN_GC500	21.08	132 (Half Cut Cells)	1500												
			PSN_GC505	21.29														
			PSN_GC510	21.50														
			PSN_GC515	21.71														
			PSN_GC520	21.92														
			PSN_GC525	22.13														
iii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GC545 (545 Wp)	PSN_GC530	22.34	132 (Half Cut Cells)	1500												
			PSN_GC535	22.55														
			PSN_GC540	22.76														
			PSN_GC545	22.97														
			PSN_GC550	23.18														
			PSN_GC555	23.39														
PSN_GC560	23.61																	

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GB560 (560 Wp)	PSN_GB545	21.10	144 (Half Cut Cells)	1500		
								PSN_GB550	21.29				
								PSN_GB555	21.48				
								PSN_GB560	21.68				
								PSN_GB565	21.87				
								PSN_GB570	22.07				
								PSN_GB575	22.26				
								PSN_GB580	22.45				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GB600 (600 Wp)	PSN_GB585	22.65	144 (Half Cut Cells)	1500		
								PSN_GB590	22.84				
								PSN_GB595	23.03				
								PSN_GB600	23.23				
								PSN_GB605	23.42				
								PSN_GB610	23.61				
								PSN_GB615	23.81				
								PSN_GB620	24.00				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GD470 (470 Wp)	PSN_GD455	21.03	120 (Half Cut Cells)	1500		
PSN_GD460	21.26												
PSN_GD465	21.49												
PSN_GD470	21.72												
PSN_GD475	21.95												
PSN_GD480	22.18												
vii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GD500 (500 Wp)	PSN_GD485	22.42	120 (Half Cut Cells)	1500							
			PSN_GD490	22.65									
			PSN_GD495	22.88									
			PSN_GD500	23.11									
			PSN_GD505	23.34									
			PSN_GD510	23.57									
viii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GL155 (155 Wp)	PSN_GL150	19.64	40 (Half Cut Cells)	1000							
			PSN_GL155	20.30									
			PSN_GL160	20.95									
ix	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GL175 (175 Wp)	PSN_GL165	21.61	40 (Half Cut Cells)	1000							
			PSN_GL170	22.26									
			PSN_GL175	22.92									
x	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GL180 (180 Wp)	PSN_GL180	23.57	40 (Half Cut Cells)	1000							
xi	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GK210 (210 Wp)	PSN_GK200	19.03	56 (Half Cut Cells)	1500							
			PSN_GK205	19.51									
			PSN_GK210	19.99									
			PSN_GK215	20.46									
xii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GK230 (230 Wp)	PSN_GK220	20.94	56 (Half Cut Cells)	1500							
			PSN_GK225	21.41									
			PSN_GK230	21.89									
			PSN_GK235	22.37									
			PSN_GK240	22.84									
xiii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GJ250 (250 Wp)	PSN_GJ245	20.80	64 (Half Cut Cells)	1500							
			PSN_GJ250	21.22									
			PSN_GJ255	21.64									
xiv	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GJ265 (265 Wp)	PSN_GJ260	22.07	64 (Half Cut Cells)	1500							
			PSN_GJ265	22.49									
			PSN_GJ270	22.92									
xv	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GI285 (285 Wp)	PSN_GI275	20.76	72 (Half Cut Cells)	1500							
			PSN_GI280	21.14									
			PSN_GI285	21.52									
			PSN_GI290	21.89									
xvi	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GI300 (300 Wp)	PSN_GI295	22.27	72 (Half Cut Cells)	1500							
			PSN_GI300	22.65									
			PSN_GI305	23.03									
xvii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GH315 (315 Wp)	PSN_GH305	20.87	80 (Half Cut Cells)	1500							
			PSN_GH310	21.21									
			PSN_GH315	21.55									
			PSN_GH320	21.89									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xviii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GH335 (335 Wp)	PSN_GH325	22.24	80 (Half Cut Cells)	1500		
								PSN_GH330	22.58				
								PSN_GH335	22.92				
					xix	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GG330 (330 Wp)	PSN_GH340	23.26	84 (Half Cut Cells)	1500		
								PSN_GG320	20.87				
								PSN_GG325	21.20				
								PSN_GG330	21.52				
					xx	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GG350 (350 Wp)	PSN_GG335	21.85	84 (Half Cut Cells)	1500		
								PSN_GG340	22.18				
								PSN_GG345	22.50				
								PSN_GG350	22.83				
					xxi	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GF370 (370 Wp)	PSN_GG355	23.15	96 (Half Cut Cells)	1500		
								PSN_GF360	20.64				
								PSN_GF365	20.93				
								PSN_GF370	21.21				
					xxii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GF400 (400 Wp)	PSN_GF375	21.50	96 (Half Cut Cells)	1500		
								PSN_GF380	21.79				
								PSN_GF385	22.07				
								PSN_GF390	22.36				
								PSN_GF395	22.65				
					xxiii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GE420 (420 Wp)	PSN_GF400	22.93	108 (Half Cut Cells)	1500		
								PSN_GF405	23.22				
								PSN_GF410	23.51				
								PSN_GE410	21.00				
								PSN_GE415	21.25				
					xxiv	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GE450 (450 Wp)	PSN_GE420	21.51	108 (Half Cut Cells)	1500		
								PSN_GE425	21.76				
								PSN_GE430	22.02				
								PSN_GE435	22.28				
								PSN_GE440	22.53				
								PSN_GE445	22.79				
								PSN_GE450	23.04				
					6	M/s. TP Solar Limited (Model Addition & Capacity Change)	Plot No. A 109, Near Elcot Road, TP Solar Limited, Sipcot Road and SR Park, Gangaikondan Road, Sipcot Industrial Park, Gangaikondan Industrial Park, Tirunelveli -627352, Tamil Nadu, India	R-61004146	5035	i	Bifacial N-Type TOPCon Module (Glass to Glass)		
PSN_GE460	23.56												
TP630LG10NB	22.62												
TP625LG10NB	22.44												
TP620LG10NB	22.26												
TP615LG10NB	22.08												
TP610LG10NB	21.90												
TP605LG10NB	21.72												
TP600LG10NB	21.54												
TP595LG10NB	21.36												
TP590LG10NB	21.18												
TP585LG10NB	21.00												
TP580LG10NB	20.83												
ii	Bifacial N-Type TOPCon Module (Glass to Glass)	TP555HG10NB (555 Wp)	TP580LG10NB	20.83	144 (Half Cut Cells)	1500							
			TP580HG10NB	22.45									
			TP575HG10NB	22.26									
			TP570HG10NB	22.07									
			TP565HG10NB	21.87									
			TP560HG10NB	21.68									
			TP555HG10NB	21.48									
			TP550HG10NB	21.29									
			TP545HG10NB	21.10									
			TP540HG10NB	20.90									
			TP535HG10NB	20.71									
			TP530HG10NB	20.52									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	TP505VG10NB (505 Wp)	TP530VG10NB TP525VG10NB TP520VG10NB TP515VG10NB TP510VG10NB TP505VG10NB TP500VG10NB TP495VG10NB TP490VG10NB TP485VG10NB TP480VG10NB	22.11 21.90 21.69 21.48 21.27 21.07 20.86 20.65 20.44 20.23 20.02	132 (Half Cut Cells)	1500		
7	M/s. Rajasthan Electronics and Instruments Limited (REIL) (Co-ALMM)	Co-ALMM with M/s. Icon Solar En Power Technologies Private Limited Manufacturing Address : PH No. 09, Gram Dighari Mandir Hasaud, The Arang, Raipur-492001, Chhattisgarh, India	R-59000558	10 (As per co-branding agreement)	i	Mono c-Si PERC Module	RISEN575 (575 Wp)	RISEN590 RISEN585 RISEN580 RISEN575 RISEN570 RISEN565 RISEN560	21.11 20.93 20.75 20.57 20.39 20.21 20.03	156 (Half Cut Cells)	1500	30.06.2025	29.04.2027
					ii	Mono c-Si PERC Module	RISEN550 (550 Wp)	RISEN555 RISEN550 RISEN545 RISEN540	21.48 21.30 21.10 20.90	144 (Half Cut Cells)	1500		
8	M/s Swelect HHV Solar Photovoltaics Pvt. Ltd (Model Addition & Capacity Change)	SF – No. 169, 166 Sembagoundan Pudur, Kuppapalayam Village, Coimbatore, Coimbatore North Taluk, Coimbatore District, Tamil Nadu - 641107	R-61003433	807	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG0445 (445 Wp)	SWT15BG0440 SWT15BG0445 SWT15BG0450	22.53 22.79 23.04	108 (Half Cut Cells)	1500	31.05.2023	30.05.2027
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG6595 (595 Wp)	SWT15BG6585 SWT15BG6590 SWT15BG6595 SWT15BG6600	22.65 22.84 23.03 23.23	144 (Half Cut Cells)	1500		
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG4545 (545 Wp)	SWT15BG4535 SWT15BG4540 SWT15BG4545 SWT15BG4550	22.53 22.74 22.95 23.16	132 (Half Cut Cells)	1500		
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG2495 (495 Wp)	SWT15BG2485 SWT15BG2490 SWT15BG2495 SWT15BG2500	22.40 22.63 22.87 23.10	120 (Half Cut Cells)	1500		
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG8645 (645 Wp)	SWT15BG8635 SWT15BG8640 SWT15BG8645 SWT15BG8650	22.72 22.90 23.07 23.25	156 (Half Cut Cells)	1500		
					vi	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SWT15BT0415 (415Wp)	SWT15BT0385 SWT15BT0390 SWT15BT0395 SWT15BT0400 SWT15BT0405 SWT15BT0410 SWT15BT0415 SWT15BT0420 SWT15BT0425 SWT15BT0430	19.72 19.97 20.23 20.48 20.74 21.00 21.25 21.51 21.76 22.02	108 (Half Cut Cells)	1500		
					vii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SWT15BT2445 (445 Wp))	SWT15BT2430 SWT15BT2435 SWT15BT2440 SWT15BT2445 SWT15BT2450 SWT15BT2455	19.86 20.09 20.33 20.56 20.79 21.02	120 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					viii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SWT15BT2470 (470 Wp)	SWT15BT2460 SWT15BT2465 SWT15BT2470 SWT15BT2475 SWT15BT2480	21.25 21.48 21.71 21.94 22.17	120 (Half Cut Cells)	1500		
					ix	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SWT15BT4490 (490 Wp)	SWT15BT4475 SWT15BT4480 SWT15BT4485 SWT15BT4490 SWT15BT4495 SWT15BT4500	20.00 20.21 20.42 20.64 20.85 21.06	132 (Half Cut Cells)	1500		
					x	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SWT15BT4520 (520 Wp)	SWT15BT4505 SWT15BT4510 SWT15BT4515 SWT15BT4520 SWT15BT4525 SWT15BT4530	21.27 21.48 21.69 21.90 22.11 22.32	132 (Half Cut Cells)	1500		
					xi	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SWT15BT6535 (535 Wp)	SWT15BT6520 SWT15BT6525 SWT15BT6530 SWT15BT6535 SWT15BT6540 SWT15BT6545 SWT15BT6550	20.13 20.32 20.52 20.71 20.90 21.10 21.29	144 (Half Cut Cells)	1500		
					xii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SWT15BT6570 (570 Wp)	SWT15BT6555 SWT15BT6560 SWT15BT6565 SWT15BT6570 SWT15BT6575 SWT15BT6580	21.48 21.68 21.87 22.07 22.26 22.45	144 (Half Cut Cells)	1500		
					xiii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SWT15BT8580 (580 Wp)	SWT15BT8565 SWT15BT8570 SWT15BT8575 SWT15BT8580 SWT15BT8585 SWT15BT8590 SWT15BT8595	20.21 20.39 20.57 20.75 20.93 21.11 21.29	156 (Half Cut Cells)	1500		
					xiv	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SWT15BT8615 (615 Wp)	SWT15BT8600 SWT15BT8605 SWT15BT8610 SWT15BT8615 SWT15BT8620 SWT15BT8625 SWT15BT8630	21.46 21.64 21.82 22.00 22.18 22.36 22.54	156 (Half Cut Cells)	1500		

Note: In case of model inclusion or capacity addition / change, through revision in ALMM List, the capacity mentioned against any manufacturing unit, as appearing in the said Revision to the ALMM List, shall be the ALMM enlisted manufacturing capacity for that manufacturing unit (from the date of the said revision), and the capacity enlisted for that manufacturing unit should not be interpreted as Sum of (enlisted capacity for that manufacturing unit in previous ALMM list/ previous revision to ALMM List) and (enlisted capacity in the present revision)

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.

Dated: 5th June 2025

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

- Ref: (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR-Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;
(iv) MNRE's O.M. No. 32/33/2024-SPV Division dated 06.05.2025;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M.s referred at (ii), (iii) & (iv) above, inter-alia, directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	Application/Use	Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules	
		For c-Si technology based solar PV modules	For CdTe thin film technology based solar PV modules
Category-I	Utility/Grid Scale Power Plants	20.00%	19.00%
Category-II	Rooftop and Solar Pumping	19.50%	18.50%
Category-III	Off-grid projects/applications like solar lamps, solar lights, solar street lights, solar fans, etc. (other than solar powered agricultural pumps and solar PV rooftops) requiring individual capacity of each solar PV module deployed, to be of less than 200 Watt peak	18.00%	18.00%
Category-IV	Any other application	19.00%	18.00%

3. Post the aforesaid O.M. dated 10.05.2023 and subsequent O.M.s dated 22.03.2024 and 06.05.2025, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 21.05.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XXXIX (in the format of additions / modifications to Revision-XXXVIII) is enclosed at Annexure-I. The last revision no. XXXVIII dated 21.05.2025 is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.

(Sanjay G. Karndhar)

Scientist-E

E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned

Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

A. Modification / Correction of errors in ALMM List-I dated 27.03.2025 / Revision dated 21.05.2025

(a). ALMM enlistment validity of solar PV modules with R. No. 72008389 under Co-ALMM of Brand Owner [ECE (India) Energies P. Ltd.] with O.E.M. [Navitas Green Solutions P. Ltd.], which were enlisted at Sl. No. 15 of ALMM List dated 27.03.2025, has expired on 28.05.2025. Hence the same are hereby deleted from ALMM List-I for solar PV modules.

(b). There were some typographical errors in the Revision dated 21.05.2025 to ALMM list and the same are hereby corrected as follows:

1. M/s. Renewsys India Pvt. Ltd., Rangareddy District Telangana - Typo error corrected in capacity

Part B of Annexure-I to ALMM Revision dated 21.05.2025 => Sl. No. 16 => The capacity may be read as 1,733 MW/Year instead of 1,773 MW/Year

2. M/s. Premier Energies Global Environment (P) Limited - Typo error corrected in name of model numbers and efficiency

Part B of Annexure-I to ALMM Revision dated 21.05.2025 => Sl. No. 17 => Sl. Nos => (ii to iii) => Correction of Enlisted Model Number and efficiencies as below:

S. No.	Type of Module	Applied Model	Enlisted Model	Efficiency (%)
ii	Bifacial N-Type TOPCon Module (Glass to Glass)	PE-132-615THGB-G12R (615 Wp)	PE-132-600THGB-G12R	22.21
			PE-132-605THGB-G12R	22.40
			PE-132-610THGB-G12R	22.58
			PE-132-615THGB-G12R	22.77
			PE-132-620THGB-G12R	22.95
			PE-132-625THGB-G12R	23.14
iii	Bifacial N-Type TOPCon Module (Glass to Glass)	PE-132-695THGB-G12 (695 Wp)	PE-132-630THGB-G12R	23.32
			PE-132-680THGB-G12	21.89
			PE-132-685THGB-G12	22.05
			PE-132-690THGB-G12	22.21
			PE-132-695THGB-G12	22.37
			PE-132-700THGB-G12	22.53
			PE-132-705THGB-G12	22.70
			PE-132-710THGB-G12	22.86

3. M/s. Sri Savitr Solar Pvt. Ltd. – Typo error corrected in name of model numbers

Part B of Annexure-I to ALMM Revision dated 21.05.2025 => Sl. No. 21 => Sl. Nos => (ix to xxiii) => there was a typo error as one "S" was missing in following models (S. No. ix to xxiii). The correct Model numbers are as below:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (V)
ix	Mono c-Si Module	SSSPL-36-260 (260 Wp)	SSSPL-36-260	20.95	36 (Half Cut Cells)	1500
x	Mono c-Si Module	SSSPL-36-270 (270 Wp)	SSSPL-36-270	21.27	36 (Half Cut Cells)	1500
xi	Mono c-Si Module	SSSPL-36-230 (230 Wp)	SSSPL-36-230	20.83	36 (Half Cut Cells)	1500
xii	Mono c-Si Module	SSSPL-36-240 (240 Wp)	SSSPL-36-240	20.83	36 (Half Cut Cells)	1500
xiii	Mono c-Si Module	SSSPL-36-250 (250 Wp)	SSSPL-36-250	20.95	36 (Half Cut Cells)	1500
xiv	Mono c-Si Module	SSSPL-36-200 (200 Wp)	SSSPL-36-200	20.56	36 (Half Cut Cells)	1500
xv	Mono c-Si Module	SSSPL-36-210 (210 Wp)	SSSPL-36-210	20.68	36 (Half Cut Cells)	1500
xvi	Mono c-Si Module	SSSPL-36-220 (220 Wp)	SSSPL-36-220	20.83	36 (Half Cut Cells)	1500

SA

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (V)
xvii	Mono c-Si Module	SSSPL-36-180 (180 Wp)	SSSPL-36-180	20.42	36 (Half Cut Cells)	1500
xviii	Mono c-Si Module	SSSPL-36-175 (175 Wp)	SSSPL-36-175	20.47	36 (Half Cut Cells)	1500
xix	Mono c-Si Module	SSSPL-36-170 (170 Wp)	SSSPL-36-170	20.43	36 (Half Cut Cells)	1500
xx	Mono c-Si Module	SSSPL-36-160 (160 Wp)	SSSPL-36-160	20.34	36 (Half Cut Cells)	1500
xxi	Mono c-Si Module	SSSPL-36-150 (150 Wp)	SSSPL-36-150	20.14	36 (Half Cut Cells)	1500
xxii	Mono c-Si Module	SSSPL-36-140 (140 Wp)	SSSPL-36-140	20.02	36 (Half Cut Cells)	1500
xxiii	Mono c-Si Module	SSSPL-36-130 (130 Wp)	SSSPL-36-130	20.01	36 (Half Cut Cells)	1500
xxiv	Mono c-Si Module	SSSPL-36-125 (125 Wp)	SSSPL-36-125	19.82	36 (Half Cut Cells)	1500
xxv	Mono c-Si Module	SSSPL-36-120 (120 Wp)	SSSPL-36-120	19.74	36 (Half Cut Cells)	1500
xxvi	Mono c-Si Module	SSSPL-36-100 (100 Wp)	SSSPL-36-100	19.35	36 (Half Cut Cells)	1500
xxvii	Mono c-Si Module	SSSPL-36-90 (90 Wp)	SSSPL-36-90	19.38	36 (Half Cut Cells)	1500
xxviii	Mono c-Si Module	SSSPL-36-80 (80 Wp)	SSSPL-36-80	19.21	36 (Half Cut Cells)	1500
xxix	Mono c-Si Module	SSSPL-36-75 (75 Wp)	SSSPL-36-75	19.05	36 (Half Cut Cells)	1500
xxx	Mono c-Si Module	SSSPL-36-70 (70 Wp)	SSSPL-36-70	19.03	36 (Half Cut Cells)	1500
xxxi	Mono c-Si Module	SSSPL-36-60 (60 Wp)	SSSPL-36-60	19.02	36 (Half Cut Cells)	1500
xxxii	Mono c-Si Module	SSSPL-36-50 (50 Wp)	SSSPL-36-50	19.01	36 (Half Cut Cells)	1500
xxxiii	Mono c-Si Module	SSSPL-36-40 (40 Wp)	SSSPL-36-40	19.05	36 (Half Cut Cells)	1500

B. New additions on 05.06.2025 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity				
												From	To (subject to valid BIS Registration; else deemed to be delisted)			
1	M/s. Avaada Electro Private Limited (New Addition in ALMM)	A-67, MIDC Road, Additional Butibori Industrial Area, Nagpur-441108, Maharashtra, India	R-71040312	1272	i	Bifacial N- Type TOPCon Module (Glass to Glass)	AVN66G12G710 (710 Wp)	AVN66G12G720	23.18	132 (Half Cut Cells) (Cell Size: 210 mm * 210 mm)	1500	05.06.2025	04.06.2029			
								AVN66G12G715	23.02							
								AVN66G12G710	22.86							
								AVN66G12G705	22.70							
								AVN66G12G700	22.53							
					ii	Bifacial N- Type TOPCon Module (Glass to Glass)	AVN60G12G640 (640 Wp)	AVN60G12G650	22.97	120 (Half Cut Cells) (Cell Size: 210 mm * 210 mm)	1500					
								AVN60G12G645	22.79							
								AVN60G12G640	22.61							
								AVN60G12G635	22.44							
								AVN60G12G630	22.26							
					iii	Bifacial N- Type TOPCon Module (Glass to Glass)	AVN66G12RG620 (620 Wp)	AVN66G12RG630	23.32	132 (Half Cut Cells) (Cell Size: 182 mm * 210 mm)	1500					
								AVN66G12RG625	23.14							
								AVN66G12RG620	22.95							
								AVN66G12RG615	22.77							
								AVN66G12RG610	22.58							
					iv	Bifacial N- Type TOPCon Module (Glass to Glass)	AVN60G12RG560 (560 Wp)	AVN60G12RG570	23.14	120 (Half Cut Cells) (Cell Size: 182 mm * 210 mm)	1500					
AVN60G12RG565	22.94															
AVN60G12RG560	22.74															
AVN60G12RG555	22.53															
AVN60G12RG550	22.33															
2	M/s. SASA Energy LLP (Model Addition & Capacity Change)	S.No. 193, Opposite Dargah, MorbiHalvad Road, At-Nichi Mandal, Morbi – Rajkot, Gujarat - 363642, India	R-72005681	98	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SASA580T-144 (580 Wp)	SASA555T-144	21.48	144 (Half Cut Cells)	1500	31.01.2025	24.01.2027			
								SASA560T-144	21.68							
								SASA565T-144	21.87							
								SASA570T-144	22.07							
								SASA575T-144	22.26							
								SASA580T-144	22.45							
								SASA585T-144	22.65							
								SASA590T-144	22.84							
								SASA595T-144	23.03							
								SASA600T-144	23.23							
								ii	Bifacial N-Type TOPCon Module (Glass to Glass)					SASA530T-132 (530 Wp)	SASA505T-132	21.27
					SASA510T-132	21.48										
					SASA515T-132	21.69										
					SASA520T-132	21.90										
					SASA530T-132	22.32										
					SASA535T-132	22.53										
					SASA540T-132	22.74										
					SASA545T-132	22.95										
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	SASA455T-120 (455 Wp)	SASA455T-120	20.95	120 (Half Cut Cells)	1500					
								iv	Bifacial N-Type TOPCon Module (Glass to Glass)					SASA480T-120 (480 Wp)	SASA460T-120	21.18
															SASA465T-120	21.41
															SASA470T-120	21.64
															SASA475T-120	21.87
					SASA480T-120	22.10										
SASA485T-120	22.33															
SASA490T-120	22.56															
SASA495T-120	22.79															
SASA500T-120	23.02															

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
3	M/s. Reliance Industries Limited (New Addition in ALMM)	At Navagam Via Khodiyar Colony, I, Po Navagam/ Kana Chhikari, GSFC Reliance Complex, Jamnagar- 361006, Gujarat, India	R-72011452	1716	i	Bifacial Hetero-junction Monocrystalline Silicon (HJT) Module (Glass to Glass)	RNE705AA-66-BGG (705 Wp)	RNE690AA-66-BGG	22.16	132 (Half Cut Cells)	1500	05.06.2025	04.06.2029
								RNE695AA-66-BGG	22.32				
								RNE700AA-66-BGG	22.48				
								RNE705AA-66-BGG	22.64				
								RNE710AA-66-BGG	22.80				
								RNE715AA-66-BGG	22.96				
								RNE720AA-66-BGG	23.12				
								RNE725AA-66-BGG	23.28				
					ii	Bifacial Hetero-junction Monocrystalline Silicon (HJT) Module (Glass to Glass)	RNE640AA-60-BGG (640 Wp)	RNE630AA-60-BGG	22.20	120 (Half Cut Cells)	1500		
								RNE635AA-60-BGG	22.37				
								RNE640AA-60-BGG	22.55				
								RNE645AA-60-BGG	22.72				
								RNE650AA-60-BGG	22.90				
					iii	Bifacial Hetero-junction Monocrystalline Silicon (HJT) Module (Glass to Glass)	RNE575AA-54-BGG (575 Wp)	RNE565AA-54-BGG	22.02	108 (Half Cut Cells)	1500		
								RNE570AA-54-BGG	22.22				
								RNE575AA-54-BGG	22.41				
								RNE580AA-54-BGG	22.61				
								RNE585AA-54-BGG	22.80				
					iv	Bifacial Hetero-junction Monocrystalline Silicon (HJT) Module (Glass to Glass)	RNE510AA-48-BGG (510 Wp)	RNE505AA-48-BGG	22.29	96 (Half Cut Cells)	1500		
								RNE510AA-48-BGG	22.51				
								RNE515AA-48-BGG	22.73				
								RNE520AA-48-BGG	22.95				
								RNE525AA-48-BGG	23.17				
					v	Hetero-junction Monocrystalline Silicon (HJT) Module	RNE555AA-54-WBS (555 Wp)	RNE540AA-54-WBS	21.05	108 (Half Cut Cells)	1500		
								RNE545AA-54-WBS	21.24				
								RNE550AA-54-WBS	21.44				
								RNE555AA-54-WBS	21.63				
								RNE560AA-54-WBS	21.83				
								RNE565AA-54-WBS	22.02				
								RNE570AA-54-WBS	22.22				
					vi	Hetero-junction Monocrystalline Silicon (HJT) Module	RNE455AA-44-WBK (455 Wp)	RNE440AA-44-WBK	20.85	88 (Half Cut Cells)	1000		
								RNE445AA-44-WBK	21.09				
RNE450AA-44-WBK	21.33												
RNE455AA-44-WBK	21.57												
RNE460AA-44-WBK	21.80												
RNE465AA-44-WBK	22.04												
RNE470AA-44-WBK	22.28												
vii	Hetero-junction Monocrystalline Silicon (HJT) Module	RNE415AA-40-WBK (415 Wp)	RNE430AA-40-WBK	22.32	80 (Half Cut Cells)	1000							
			RNE425AA-40-WBK	22.06									
			RNE420AA-40-WBK	21.80									
			RNE415AA-40-WBK	21.54									
			RNE410AA-40-WBK	21.28									
			RNE405AA-40-WBK	21.02									
			RNE400AA-40-WBK	20.76									
viii	Bifacial Hetero-junction Monocrystalline Silicon (HJT) Module (Glass to Glass)	RNE665AA-66-BGG (665 Wp)	RNE650AA-66-BGG	20.88	132 (Half Cut Cells)	1500							
			RNE655AA-66-BGG	21.04									
			RNE660AA-66-BGG	21.20									
			RNE665AA-66-BGG	21.36									
			RNE670AA-66-BGG	21.52									
			RNE675AA-66-BGG	21.68									
			RNE680AA-66-BGG	21.84									
			RNE685AA-66-BGG	22.00									

Note: In case of model inclusion or capacity addition / change, through revision in ALMM List, the capacity mentioned against any manufacturing unit, as appearing in the said Revision to the ALMM List, shall be the ALMM enlisted manufacturing capacity for that manufacturing unit (from the date of the said revision), and the capacity enlisted for that manufacturing unit should not be interpreted as Sum of (enlisted capacity for that manufacturing unit in previous ALMM list/ previous revision to ALMM List) and (enlisted capacity in the present revision)

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

- Ref:** (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR-Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;
(iv) MNRE's O.M. No. 32/33/2024-SPV Division dated 06.05.2025;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M.s referred at (ii), (iii) & (iv) above, inter-alia, directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	Application/Use	Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules	
		For c-Si technology based solar PV modules	For CdTe thin film technology based solar PV modules
Category-I	Utility/Grid Scale Power Plants	20.00%	19.00%
Category-II	Rooftop and Solar Pumping	19.50%	18.50%
Category-III	Off-grid projects/applications like solar lamps, solar lights, solar street lights, solar fans, etc. (other than solar powered agricultural pumps and solar PV rooftops) requiring individual capacity of each solar PV module deployed, to be of less than 200 Watt peak	18.00%	18.00%
		(not to be included in main ALMM List-I but to be included in a separate ALMM list called ALMM List-I (DRE))	
Category-IV	Any other application	19.00%	18.00%

3. Post the aforesaid O.M. dated 10.05.2023 and subsequent O.M.s dated 22.03.2024 and 06.05.2025, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 21.04.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XXXVIII (in the format of additions / modifications to Revision-XXXVII) is enclosed at Annexure-I. The last revision no. XXXVII dated 21.04.2025 along with provisional enlistments therein (excluding those which have been removed on account of inclusion in main ALMM List-I) is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.



(Sanjay G. Karndhar)
Scientist-E

E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned

Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

A. Correction of errors in revision of ALMM List-I dated 27.03.2025

There were some typographical errors in the ALMM list published on 27.03.2025 and the same are hereby corrected as follows:

1. **M/s. Australian Premium Solar (India) Pvt. Ltd** - Typo error corrected in validity of Model numbers.

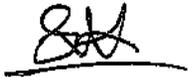
In. Sl. No. 40=> Sl.Nos. (vii) to (xiv)=> ALMM enlistment validity may be read as from 01.09.2023 to 31.08.2027 (*subject to valid BIS Registration, else deemed to be delisted*)

2. **M/s. Mundra Solar PV Limited, co-ALMM with Goldi Sun Private Limited** - Typo Error corrected in validity of Model numbers.

In. Sl. No. 52=> for entries corresponding to R. No. 72012025, ALMM enlistment validity may be read as from 27.03.2025 to 16.01.2026 (*subject to valid BIS Registration, else deemed to be delisted*)

3. **M/s. PV Power Technologies Private Limited, co-ALMM with Rayzon Solar Private Limited** - Typo Error corrected in validity of Model numbers.

In. Sl. No. 70=> for entries corresponding to R. No. 72012084, ALMM enlistment validity may be read as from 27.03.2025 to 01.09.2026 (*subject to valid BIS Registration, else deemed to be delisted*)



B. New additions on 21.05.2025 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order													
S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
1	M/s. Agrawal Renewable Energy Pvt. Ltd (Renewal & Model Addition)	Plot No. 66/0, Dhoop Building, Volvoi Road, Culti, Ponda - 403401, South Goa, India	R-71013536	125	i	Mono c-Si PERC Modules	DHOOP PM72 385 (385Wp)	DHOOP PM72 370Wp	19.01	72 (Full Cells)	1500	21.05.2025	20.05.2029
								DHOOP PM72 375Wp	19.26				
								DHOOP PM72 380Wp	19.52				
								DHOOP PM72 385Wp	19.78				
								DHOOP PM72 390Wp	20.04				
								DHOOP PM72 395Wp	20.29				
					DHOOP PM72 400Wp	20.55							
					ii	Bifacial Mono c-Si PERC Module (Glass to Glass)	DHF-72HG-520 (520 Wp)	DHF-72HG-495	19.11	144 (Half Cut Cells)	1500		
								DHF-72HG-500	19.30				
								DHF-72HG-505	19.50				
								DHF-72HG-510	19.69				
								DHF-72HG-515	19.88				
								DHF-72HG-520	20.08				
					DHF-72HG-525	20.27							
					DHF-72HG-530	20.46							
					DHF-72HG-535	20.66							
					iii	Bifacial Mono c-Si PERC Module (Glass to Glass)	DHF-72HG-545 (545 Wp)	DHF-72HG-540	20.85	144 (Half Cut Cells)	1500		
								DHF-72HG-545	21.04				
								DHF-72HG-550	21.24				
					iv	Bifacial Mono c-Si PERC Module (Glass to Glass)	DHF-66HG-470 (470 Wp)	DHF-66HG-455	19.12	132 (Half Cut Cells)	1500		
								DHF-66HG-460	19.33				
								DHF-66HG-465	19.54				
								DHF-66HG-470	19.75				
								DHF-66HG-475	19.96				
								DHF-66HG-480	20.17				
					DHF-66HG-485	20.38							
					v	Bifacial Mono c-Si PERC Module (Glass to Glass)	DHF-66HG-495 (495 Wp)	DHF-66HG-490	20.59	132 (Half Cut Cells)	1500		
								DHF-66HG-495	20.80				
								DHF-66HG-500	21.01				
					vi	Bifacial Mono c-Si PERC Module (Glass to Glass)	DHF-54HG-380 (380 Wp)	DHF-66HG-505	21.22	108 (Half Cut Cells)	1500		
								DHF-54HG-375	19.13				
								DHF-54HG-380	19.38				
								DHF-54HG-385	19.64				
								DHF-54HG-390	19.89				
					vii	Bifacial Mono c-Si PERC Module (Glass to Glass)	DHF-54HG-405 (405 Wp)	DHF-54HG-395	20.15	108 (Half Cut Cells)	1500		
								DHF-54HG-400	20.40				
								DHF-54HG-405	20.66				
					viii	Bifacial Mono c-Si PERC Module (Glass to Glass)	DHF-60HG-575 (575 Wp)	DHF-54HG-410	20.91	120 (Half Cut Cells)	1500		
								DHF-60HG-600	20.75				
								DHF-60HG-595	20.58				
								DHF-60HG-590	20.40				
								DHF-60HG-585	20.23				
								DHF-60HG-580	20.06				
								DHF-60HG-575	19.88				
								DHF-60HG-570	19.71				
								DHF-60HG-565	19.54				
								DHF-60HG-560	19.37				
								DHF-60HG-555	19.19				
					DHF-60HG-550	19.20							
					ix	Bifacial Mono c-Si PERC Module (Glass to Glass)	DHF-54HG-515 (515 Wp)	DHF-54HG-540	20.78	108 (Half Cut Cells)	1500		
DHF-54HG-535	20.58												
DHF-54HG-530	20.39												
DHF-54HG-525	20.20												
DHF-54HG-520	20.01												
DHF-54HG-515	19.81												
DHF-54HG-510	19.62												
DHF-54HG-505	19.43												
DHF-54HG-500	19.24												
DHF-54HG-495	19.05												
DHF-48HG-480	20.69												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
					x	Bifacial Mono c-Si PERC Module (Glass to Glass)	DHF-48HG-460 (460 Wp)	DHF-48HG-475 DHF-48HG-470 DHF-48HG-465 DHF-48HG-460 DHF-48HG-455 DHF-48HG-450 DHF-48HG-445	20.48 20.26 20.05 19.83 19.62 19.40 19.18	96 (Half Cut Cells)	1500		
					xi	Mono c-Si PERC Module	DHF-72H-525 (525 Wp)	DHF-72H-550 DHF-72H-545 DHF-72H-540 DHF-72H-535 DHF-72H-530 DHF-72H-525 DHF-72H-520 DHF-72H-515 DHF-72H-510 DHF-72H-505	21.24 21.04 20.85 20.66 20.46 20.27 20.08 19.88 19.69 19.50	144 (Half Cut Cells)	1500		
					xii	Mono c-Si PERC Module	DHF-72H-500 (500 Wp)	DHF-72H-500 DHF-72H-495	19.30 19.11	144 (Half Cut Cells)	1500		
					xiii	Mono c-Si PERC Module	DHF-66H-490 (490 Wp)	DHF-66H-505 DHF-66H-500 DHF-66H-495 DHF-66H-490 DHF-66H-485 DHF-66H-480 DHF-66H-475 DHF-66H-470	21.22 21.01 20.80 20.59 20.38 20.17 19.96 19.75	132 (Half Cut Cells)	1500		
					xiv	Mono c-Si PERC Module	DHF-66H-460 (460 Wp)	DHF-66H-465 DHF-66H-460 DHF-66H-455	19.54 19.33 19.12	132 (Half Cut Cells)	1500		
					xv	Mono c-Si PERC Module	DHF-54H-400 (400 Wp)	DHF-54H-410 DHF-54H-405 DHF-54H-400 DHF-54H-395 DHF-54H-390 DHF-54H-385	20.91 20.66 20.40 20.15 19.89 19.64	108 (Half Cut Cells)	1500		
					xvi	Mono c-Si PERC Module	DHF-54H-380 (380 Wp)	DHF-54H-380 DHF-54H-375	19.38 19.13	108 (Half Cut Cells)	1500		
					xvii	Mono c-Si PERC Module	DHF-60H-575 (575 Wp)	DHF-60H-600 DHF-60H-595 DHF-60H-590 DHF-60H-585 DHF-60H-580 DHF-60H-575 DHF-60H-570 DHF-60H-565 DHF-60H-560 DHF-60H-555 DHF-60H-550	20.76 20.58 20.40 20.23 20.06 19.88 19.71 19.54 19.37 19.19 19.02	120 (Half Cut Cells)	1500		
					xviii	Mono c-Si PERC Module	DHF-54H-515 (515 Wp)	DHF-54H-540 DHF-54H-535 DHF-54H-530 DHF-54H-525 DHF-54H-520 DHF-54H-515 DHF-54H-510 DHF-54H-505 DHF-54H-500 DHF-54H-495	20.78 20.58 20.39 20.20 20.01 19.81 19.62 19.43 19.24 19.05	108 (Half Cut Cells)	1500		
					xix	Mono c-Si PERC Module	DHF-48H-460	DHF-48H-480 DHF-48H-475 DHF-48H-470 DHF-48H-465	20.69 20.48 20.26 20.05	96 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)													
												From	To												
					xi	Mono c-Si PERC Module	(460 Wp)	DHF-48H-460	19.83	96 (Half Cut Cells)	1500														
								DHF-48H-455	19.62																
								DHF-48H-450	19.40																
								DHF-48H-445	19.18																
					xx	N Type TOPCon Module	DHF72H24575T (575 Wp)	DHF72H24600T	23.23	144 (Half Cut Cells)	1500														
								DHF72H24595T	23.03																
								DHF72H24590T	22.84																
								DHF72H24585T	22.65																
								DHF72H24580T	22.45																
								DHF72H24575T	22.26																
								DHF72H24570T	22.07																
								DHF72H24565T	21.87																
								DHF72H24560T	21.68																
								DHF72H24555T	21.48																
					xxi	Bifacial N Type TOPCon Module (Glass to Glass)	DHF72HG24575T (575 Wp)	DHF72H24550T	21.29	144 (Half Cut Cells)	1500														
								DHF72HG24600T	23.23																
								DHF72HG24595T	23.03																
								DHF72HG24590T	22.84																
								DHF72HG24585T	22.65																
								DHF72HG24580T	22.45																
								DHF72HG24575T	22.26																
2	M/s. ReNew Photovoltaics Private Limited (Model Addition & Capacity Addition)	Plot No-DTA-02-40 to 45, Domestic Tariff Area Phase-II, Mahindra World City, Tehsil-Sanganer, Jaipur-302037, Rajasthan, India	R-84003778	2926	i	Bifacial N- Type TOPCon Modules (Glass to Glass)	RPS2MH72BD585 (585 Wp)	RPS2MH72BD565	21.87	144 (Half Cut Cells)	1500	16.11.2023	15.01.2027												
								RPS2MH72BD570	22.06																
								RPS2MH72BD575	22.26																
								RPS2MH72BD580	22.45																
								RPS2MH72BD585	22.64																
								RPS2MH72BD590	22.84																
								RPS2MH72BD595	23.03																
								RPS2MH72BD600	23.23																
								3	M/s.Oswal Solar Structure Pvt Ltd (Model Addition & Capacity Addition)					Opp DD International Pvt Ltd, Link Road, Village Kutail, Karnal- 132037, Haryana, India	R-91013935	513	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	OSWAL500MPN132TB (500 Wp)	OSWAL500MPN132TB	21.10	132 (Half Cut Cell)	1500	24.05.2024	23.05.2024
																				ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)				
OSWAL490MPN132TB	20.67																								
OSWAL485MPN132TB	20.46																								
OSWAL480MPN132TB	20.25																								
OSWAL475MPN132TB	20.04																								
OSWAL470MPN132TB	19.83																								
OSWAL465MPN132TB	19.62																								
OSWAL460MPN132TB	19.41																								
iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	OSWAL550MPN144TB (550 Wp)	OSWAL550MPN144TB	21.29	144 (Half Cut Cell)	1500																			
			iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)			OSWAL520MPN144TB (520 Wp)			OSWAL545MPN144TB	21.10														
										OSWAL540MPN144TB	20.90														
										OSWAL535MPN144TB	20.71														
										OSWAL530MPN144TB	20.52														
OSWAL525MPN144TB	20.32																								
OSWAL520MPN144TB	20.13																								
OSWAL515MPN144TB	19.94																								
OSWAL510MPN144TB	19.74																								

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
								OSWAL505MPN144TB	19.55				
								OSWAL500MPN144TB	19.36				
								OSWAL495MPN144TB	19.16				
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	OSWAL595MPN156TB (595 Wp)	OSWAL595MPN156TB	21.31	156 (Half Cut Cell)	1500		
					vi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	OSWAL575MPN156TB (575 Wp)	OSWAL590MPN156TB	21.13	156 (Half Cut Cell)	1500		
							OSWAL585MPN156TB	20.95					
							OSWAL580MPN156TB	20.77					
							OSWAL575MPN156TB	20.60					
							OSWAL570MPN156TB	20.42					
							OSWAL565MPN156TB	20.24					
							OSWAL560MPN156TB	20.06					
							OSWAL555MPN156TB	19.88					
							OSWAL550MPN156TB	19.70					
4	M/s. Unique Sun Power LLP (Renewal & Model Addition)	BL No. 2281/2/1/1, Sub Plot 1-A, Tadkeshwar, Near Areth Minnor Canal, Mandvi, Surat - 394170, Gujarat, India	R-72005550	160	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SUN156P615 (615 Wp)	SUN156P630	22.53	156 (Half Cut Cells)	1500	21.05.2025	20.05.2029
							SUN156P625	22.35					
							SUN156P620	22.17					
							SUN156P615	21.99					
							SUN156P610	21.81					
							SUN156P605	21.63					
							SUN156P600	21.45					
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SUN144T565 (565 Wp)	SUN144T590	22.83	144 (Half Cut Cells)	1500		
							SUN144T585	22.63					
							SUN144T580	22.44					
							SUN144T575	22.25					
							SUN144T570	22.05					
							SUN144T565	21.86					
							SUN144T560	21.67					
							SUN144T555	21.47					
							SUN144T550	21.28					
							SUN144T545	21.09					
							SUN144T540	20.89					
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	SUN132T520 (520 Wp)	SUN132T535	22.53	132 (Half Cut Cells)	1500		
							SUN132T530	22.32					
							SUN132T525	22.11					
							SUN132T520	21.90					
							SUN132T515	21.69					
							SUN132T510	21.48					
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	SUN120T480 (480 Wp)	SUN132T500	21.06	120 (Half Cut Cells)	1500		
							SUN120T490	22.67					
							SUN120T485	22.44					
							SUN120T480	22.21					
							SUN120T470	21.74					
							SUN120T460	21.28					
							SUN120T450	20.89					
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	SUN108T420 (420 Wp)	SUN108T440	22.52	108 (Half Cut Cells)	1500		
							SUN108T435	22.26					
							SUN108T430	22.01					
							SUN108T420	21.49					
							SUN108T410	20.98					
							SUN108T400	20.47					
					vi	Mono PERC C-Si Module	SUN144P535 (535 Wp)	SUN144P550	21.34	144 (Half Cut Cell)	1500		
							SUN144P545	21.14					
							SUN144P540	20.95					
							SUN144P535	20.76					
							SUN144P530	20.56					
							SUN144P525	20.37					
							SUN144P520	20.18					
							SUN120P465	21.45					
							SUN120P460	21.23					
							SUN120P445	21.01					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
					vii	Mono PERC C-Si Module	SUN120P445 (445 Wp)	SUN120P450 SUN120P445 SUN120P440 SUN120P435	20.79 20.55 20.30 20.07	120 (Half Cut Cell)	1500		
					viii	Mono PERC C-Si Module	SUN108P410 (410 Wp)	SUN108P420 SUN108P415 SUN108P410 SUN108P405 SUN108P400	21.43 21.16 20.90 20.65 20.39	108 (Half Cut Cell)	1500		
5	M/s. Insoletion Green Energy Pvt. Ltd (Model Addition & Capacity Addition)	Khasra No 11/1, 1136/9, Chomu, Jatavali, Jaipur-302001, Rajasthan, India	R-84003549	637	i	N-Type TOPCon Module	INA-144THC-WF-560 (560 Wp)	INA-144THC-WF-580 INA-144THC-WF-575 INA-144THC-WF-570 INA-144THC-WF-565 INA-144THC-WF-560 INA-144THC-WF-555 INA-144THC-WF-550 INA-144THC-WF-545	22.45 22.26 22.07 21.87 21.68 21.48 21.29 21.10	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
					ii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	INA-144THC-TF-560 (560 Wp)	INA-144THC-TF-580 INA-144THC-TF-575 INA-144THC-TF-570 INA-144THC-TF-565 INA-144THC-TF-560 INA-144THC-TF-555 INA-144THC-TF-550 INA-144THC-TF-545	22.45 22.26 22.07 21.87 21.68 21.48 21.29 21.10	144 (Half Cut Cells)	1500		
					iii	N-Type TOPCon Module	INA-132THC-WF-520 (520 Wp)	INA-132THC-WF-545 INA-132THC-WF-540 INA-132THC-WF-535 INA-132THC-WF-530 INA-132THC-WF-525 INA-132THC-WF-520 INA-132THC-WF-515 INA-132THC-WF-510 INA-132THC-WF-505 INA-132THC-WF-500	22.94 22.73 22.52 22.31 22.10 21.89 21.68 21.47 21.26 21.05	132 (Half Cut Cells)	1500		
					iv	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	INA-132THC-TF-520 (520 Wp)	INA-132THC-TF-545 INA-132THC-TF-540 INA-132THC-TF-535 INA-132THC-TF-530 INA-132THC-TF-525 INA-132THC-TF-520 INA-132THC-TF-515 INA-132THC-TF-510 INA-132THC-TF-505 INA-132THC-TF-500	22.94 22.73 22.52 22.31 22.10 21.89 21.68 21.47 21.26 21.05	132 (Half Cut Cells)	1500		
					v	N-Type TOPCon Module	INA-120THC-WF-475 (475 Wp)	INA-120THC-WF-495 INA-120THC-WF-490 INA-120THC-WF-485 INA-120THC-WF-480 INA-120THC-WF-475 INA-120THC-WF-470 INA-120THC-WF-465 INA-120THC-WF-460 INA-120THC-WF-455	22.79 22.56 22.33 22.10 21.87 21.64 21.41 21.18 20.95	120 (Half Cut Cells)	1500		
					vi	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	INA-120THC-TF-475 (475 Wp)	INA-120THC-TF-495 INA-120THC-TF-490 INA-120THC-TF-485 INA-120THC-TF-480 INA-120THC-TF-475 INA-120THC-TF-470 INA-120THC-TF-465 INA-120THC-TF-460 INA-120THC-TF-455	22.79 22.56 22.33 22.10 21.87 21.64 21.41 21.18 20.95	120 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
					vii	N-Type TOPCon Module	INA-108THC-WF-430 (430 Wp)	INA-108THC-WF-450	22.94	108 (Half Cut Cells)	1500		
								INA-108THC-WF-445	22.68				
								INA-108THC-WF-440	22.43				
								INA-108THC-WF-435	22.17				
								INA-108THC-WF-430	21.92				
								INA-108THC-WF-425	21.66				
								INA-108THC-WF-420	21.41				
					viii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	INA-108THC-TF-430 (430 Wp)	INA-108THC-WF-415	21.15				
								INA-108THC-WF-410	20.90				
								INA-108THC-TF-450	22.94				
								INA-108THC-TF-445	22.68				
								INA-108THC-TF-440	22.43				
								INA-108THC-TF-435	22.17				
								INA-108THC-TF-430	21.92				
								INA-108THC-TF-425	21.66				
ix	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-156THC-GGF-610 (610 Wp)	INA-108THC-TF-420	21.41									
			INA-108THC-TF-415	21.15									
			INA-108THC-TF-410	20.90									
			INA-156THC-GGF-630	22.54									
			INA-156THC-GGF-625	22.36									
			INA-156THC-GGF-620	22.18									
			INA-156THC-GGF-615	22.00									
			INA-156THC-GGF-610	21.82									
			INA-156THC-GGF-605	21.64									
			x	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-144THC-GGF-560 (560 Wp)	INA-156THC-GGF-600	21.46						
INA-156THC-GGF-595	21.29												
INA-156THC-GGF-590	21.11												
INA-144THC-GGF-580	22.45												
INA-144THC-GGF-575	22.26												
INA-144THC-GGF-570	22.07												
INA-144THC-GGF-565	21.87												
xi	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-132THC-GGF-530 (530 Wp)	INA-144THC-GGF-560	21.68									
			INA-144THC-GGF-555	21.48									
			INA-144THC-GGF-550	21.29									
			INA-144THC-GGF-545	21.10									
			INA-132THC-GGF-540	22.73									
xii	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-120THC-GGF-465 (465 Wp)	INA-132THC-GGF-535	22.52									
			INA-132THC-GGF-530	22.31									
			INA-132THC-GGF-525	22.10									
xiii	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-108THC-GGF-420 (420 Wp)	INA-132THC-GGF-520	21.89									
			INA-120THC-GGF-475	21.87									
			INA-120THC-GGF-470	21.64									
			INA-120THC-GGF-465	21.41									
xiv	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-96THC-GGF-370 (370 Wp)	INA-120THC-GGF-460	21.18									
			INA-108THC-GGF-430	21.92									
			INA-108THC-GGF-425	21.66									
			INA-108THC-GGF-420	21.41									
			INA-108THC-GGF-415	21.15									
xv	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-72THC-GGF-280 (280 Wp)	INA-108THC-GGF-410	20.90									
			INA-96THC-GGF-380	21.62									
			INA-96THC-GGF-375	21.33									
			INA-96THC-GGF-370	21.05									
			INA-96THC-GGF-365	20.77									
			INA-96THC-GGF-360	20.48									
			INA-72THC-GGF-285	21.23									
			INA-72THC-GGF-280	20.85									
			INA-72THC-GGF-275	20.48									
6	M/s. Integrated Batteries India Pvt Ltd (Model Addition)	Plot No. 40, Sector -10, Greater Noida - 201310, Uttar Pradesh, India	R-93017612	93	i	Mono c-Si PERC Module	IBMPH-205 (205 Wp)	IBMPH-200	19.17	56 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								IBMPH-205	19.65				
								IBMPH-210	20.13				
								IBMPH-345	19.70				
								IBMPH-350	19.99				
					ii	Mono c-Si PERC Module	IBMPH-355	IBMPH-355	20.28	96 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
					ii	Mono c-Si PERC Module	(355 Wp)	IBMPH-360	20.56	70 (Half Cut Cells)	1500		
							IBMPH-365	20.85					
							IBMPH-370	21.13					
					iii	Mono c-Si PERC Module	IBMPH-270 (270 Wp)	IBMPH-260	19.43	72 (Half Cut Cells)	1500		
								IBMPH-265	19.80				
								IBMPH-270	20.18				
					iv	Mono c-Si PERC Module	IBMPH-220 (220 Wp)	IBMPH-275	20.55	60 (Half Cut Cells)	1500		
								IBMPH-215	19.32				
								IBMPH-220	19.77				
					v	Mono c-Si PERC Module	IBMPH-180 (180 Wp)	IBMPH-225	20.22	48 (Half Cut Cells)	1500		
								IBMPH-185	20.47				
								IBMPH-180	19.91				
					vi	Mono c-Si PERC Module	IBMPH-195 (195 Wp)	IBMPH-175	19.36	52 (Half Cut Cells)	1500		
								IBMPH-190	19.52				
								IBMPH-195	20.03				
vii	Mono c-Si PERC Module	IBMPH-120 (120 Wp)	IBMPH-120	19.48	32 (Half Cut Cells)	1500							
			IBMPH-125	20.30									
			IBMPH-160	19.18									
viii	Mono c-Si PERC Module	IBMPH-165 (165 Wp)	IBMPH-165	19.78	44 (Half Cut Cells)	1500							
			IBMPH-170	20.38									
			IBMPH-155	20.44									
ix	Mono c-Si PERC Module	IBMPH-150 (150 Wp)	IBMPH-150	19.78	40 (Half Cut Cells)	1500							
			IBMPH-150	19.78									
			IBMPH-145	19.12									
x	Mono c-Si PERC Module	IBMPH-105 (105 Wp)	IBMPH-105	19.31	28 (Half Cut Cells)	1500							
			IBMPH-140	20.54									
			IBMPH-135	19.80									
xi	Mono c-Si PERC Module	IBMPH-135 (135 Wp)	IBMPH-130	19.07	36 (Half Cut Cells)	1500							
			IBMPH-300	19.42									
			IBMPH-305	19.75									
xii	Mono c-Si PERC Module	IBMPH-310 (310 Wp)	IBMPH-310	20.07	84 (Half Cut Cells)	1500							
			IBMPH-315	20.39									
			IBMPH-320	20.72									
			IBMPH-240	20.29									
xiii	Mono c-Si PERC Module	IBMPH-235 (235 Wp)	IBMPH-235	19.87	64 (Half Cut Cells)	1500							
			IBMPH-230	19.45									
			IBMPH-245	19.56									
xiv	Mono c-Si PERC Module	IBMPH-250 (250 Wp)	IBMPH-250	19.96	68 (Half Cut Cells)	1500							
			IBMPH-250	19.96									
			IBMPH-255	20.36									
xv	Mono c-Si PERC Module	IBMPH-090 (090 Wp)	IBMPH-090	19.07	24 (Half Cut Cells)	1500							
			NSM-BF96-M10-350	20.07									
			NSM-BF96-M10-355	20.35									
7	M/s. Navitas Green Solutions Pvt. Ltd. (Model Addition)	Plot No. B-20/3, Road No. 13, 14, Palsana-Baleswar Rd, Hoziwala Industrial Estate, Sachin, Surat394230, Gujarat, India	R-72003140	250	i	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NSM-BF96-M10-360 (360 Wp)	NSM-BF96-M10-360	20.64	96 (Half Cut cells)	1500	10.03.2023	09.03.2027
								NSM-BF96-M10-365	20.93				
								NSM-BF108-M10-390	19.96				
					ii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NSM-BF108-M10-400 (400 Wp)	NSM-BF108-M10-395	20.22	108 (Half Cut cells)	1500		
								NSM-BF108-M10-400	20.47				
								NSM-BF108-M10-405	20.73				
					iii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NSM-BF120-M10-445 (445 Wp)	NSM-BF108-M10-410	20.98	120 (Half cut cells)	1500		
								NSM-BF120-M10-435	20.10				
								NSM-BF120-M10-440	20.34				
					iv	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NSM-BF132-M10-490 (490 Wp)	NSM-BF120-M10-445	20.57	132 (Half Cut Cells)	1500		
								NSM-BF120-M10-445	20.80				
								NSM-BF120-M10-450	21.03				
								NSM-BF120-M10-455	21.03				
								NSM-BF132-M10-480	20.22				
								NSM-BF132-M10-485	20.43				
NSM-BF132-M10-490	20.64												
NSM-BF132-M10-495	20.86												
NSM-BF132-M10-500	21.07												
NSM-BF144-M10-525	20.32												
NSM-BF144-M10-530	20.52												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
					v	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NSM-BF144-M10-545 (545 Wp)	NSM-BF144-M10-535 NSM-BF144-M10-540 NSM-BF144-M10-545 NSM-BF144-M10-550 NSM-BF144-M10-555 NSM-BF144-M10-560	20.71 20.90 21.10 21.29 21.48 21.68	144 (Half Cut Cells)	1500		
					vi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NSM-BF156-M10-575 (575 Wp)	NSM-BF156-M10-560 NSM-BF156-M10-565 NSM-BF156-M10-570 NSM-BF156-M10-575 NSM-BF156-M10-580 NSM-BF156-M10-585	20.03 20.21 20.39 20.57 20.75 20.93	156 (Half Cut Cells)	1500		
8	M/s. Pahal Solar Private Limited (Model Addition)	Ground Floor, Block No. 71, 72 Plot No. 167 to 171, 180 to 189, 19, E-172, 173,178, 179. Opp. Shiv Shakti Estate, Olpad, Surat-394540, Gujarat, India	R-72001848	282	i	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	PSN_600 (600 Wp)	PSN_585 PSN_590 PSN_595 PSN_600 PSN_605 PSN_610	22.65 22.84 23.03 23.23 23.42 23.61	144 (Half cut cells)	1500	10.11.2023	09.11.2027
9	M/s. ReNew Photovoltaics Private Limited (Model Addition)	Plot No. 232, TP-2/A, Dholera Special Investment Region, Dholera, Ahmedabad - 382455, Gujarat, India	R-72009903	1766	i	Bifacial Mono c-Si PERC Module (Glass to Glass)	RSP2MH72BD515 (515 Wp)	RSP2MH72BD505 RSP2MH72BD510 RSP2MH72BD515 RSP2MH72BD520 RSP2MH72BD525	19.55 19.74 19.94 20.13 20.32	144 (Half cut cells)	1500	10.04.2024	09.04.2028
10	M/s. SAN Energy and Solution (Model Addition)	Plot No. 356, San Energy Solution, Near Girधारια Mod, Sheosagar, NH2, Sasaram, Rohtas- 821111, Bihar, India	R-53000221	27	i	Mono c-Si PERC Module	SG420WP (420 Wp)	SG410WP SG420WP	20.65 21.16	72 (Full Cells)	1500	23.01.2025	22.01.2029
11	M/s. Surya International Enterprise Private Limited (Model Addition)	Plot No. S4-E1-21, EMC Park, Infovalley II, Harekrushnapur, Jatani, Bhubaneswar-751019, Orissa, India	R-52000175	77	i	Mono c-Si PERC Module	SI500M10-132 (500 Wp)	SI500M10-132	21.05	132 (Half Cut Cells)	1500	16.11.2023	15.11.2027
					ii	Mono c-Si PERC Module	SI120M10-32 (120 Wp)	SI120M10-32	19.66	32 (Half Cut Cells)	1500		
12	M/s. Indosol Solar Private Limited (New Addition in ALMM)	Sy. Nos. 584/9,584/10,584/11, Chevuru Village, Gudluru Mandal, Nellore District - 500016, Andhra Pradesh, India	R-66003000	472	i	Bifacial Mono c-Si PERC Module (Glass to Glass)	ISBD1M10BN0380 (380 Wp)	ISBD1M10BN0375 ISBD1M10BN0380 ISBD1M10BN0385 ISBD1M10BN0390 ISBD1M10BN0395 ISBD1M10BN1415	19.20 19.46 19.72 19.97 20.23 19.18	108 (Half Cut Cells)	1500	21.05.2025	20.05.2029
					ii	Bifacial Mono c-Si PERC Module (Glass to Glass)	ISBD1M10BN1420 (420 Wp)	ISBD1M10BN1420 ISBD1M10BN1425 ISBD1M10BN1430 ISBD1M10BN1435	19.41 19.64 19.87 20.10	120 (Half Cut Cells)	1500		
					iii	Bifacial Mono c-Si PERC Module (Glass to Glass)	ISBD1M10BN1445 (445 Wp)	ISBD1M10BN1440 ISBD1M10BN1445 ISBD1M10BN1450 ISBD1M10BN1455	20.34 20.57 20.80 21.03	120 (Half Cut Cells)	1500		
					iv	Bifacial Mono c-Si PERC Module (Glass to Glass)	ISBD1M10BN2460 (460 Wp)	ISBD1M10BN2455 ISBD1M10BN2460 ISBD1M10BN2465	19.18 19.39 19.60	132 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)					
												From	To				
						(Glass to Glass)		ISBD1M10BN2470	19.81								
					v	Bifacial Mono c-Si PERC Module (Glass to Glass)	ISBD1M10BN2490 (490 Wp)	ISBD1M10BN2475	20.02	132 (Half Cut Cells)	1500						
							ISBD1M10BN2480	20.23									
							ISBD1M10BN2485	20.44									
							ISBD1M10BN2490	20.65									
							ISBD1M10BN2495	20.87									
							ISBD1M10BN2500	21.08									
					vi	Bifacial Mono c-Si PERC Module (Glass to Glass)	ISBD1M10BN4510 (510 Wp)	ISBD1M10BN4495	19.16	144 (Half Cut Cells)	1500						
							ISBD1M10BN4500	19.36									
							ISBD1M10BN4505	19.55									
							ISBD1M10BN4510	19.74									
							ISBD1M10BN4515	19.94									
							ISBD1M10BN4520	20.13									
					vii	Bifacial Mono c-Si PERC Module (Glass to Glass)	ISBD1M10BN4540 (540 Wp)	ISBD1M10BN4525	20.32	144 (Half Cut Cells)	1500						
							ISBD1M10BN4530	20.52									
							ISBD1M10BN4535	20.71									
							ISBD1M10BN4540	20.90									
							ISBD1M10BN4545	21.10									
							ISBD1M10BN4550	21.29									
13	M/s. Solex Energy Limited (Model Addition + Capacity Addition)	Plot No 1A, Block 938, Tadkeshwar, Kim Mandvi Road, Mandvi, Surat - 394110, Gujarat	R-72008125	1348	i	Bifacial N- type Topcon Module (Glass to Glass)	STGP132R210B16-600 (600 Wp)	STGP132R210B16-625	23.14	132 (Half Cut Cells)	1500	01.09.2023	31.08.2027				
							STGP132R210B16-620	22.95									
							STGP132R210B16-615	22.77									
							STGP132R210B16-610	22.58									
							STGP132R210B16-605	22.40									
							STGP132R210B16-600	22.21									
							STGP132R210B16-595	22.03									
							STGP132R210B16-590	21.84									
							STGP132R210B16-585	21.66									
							STGP132R210B16-580	21.47									
							STGP132R210B16-575	21.29									
							STGP132R210B16-570	21.10									
					ii	Bifacial N- type Topcon Module (Glass to Glass)	STGP120R210B16-540 (540 Wp)	STGP120R210B16-565	22.94					120 (Half Cut Cells)	1500		
							STGP120R210B16-560	22.74									
							STGP120R210B16-555	22.53									
							STGP120R210B16-550	22.33									
							STGP120R210B16-545	22.13									
							STGP120R210B16-540	21.92									
							STGP120R210B16-535	21.72									
							STGP120R210B16-530	21.52									
							STGP120R210B16-525	21.32									
							STGP120R210B16-520	21.11									
							STGP120R210B16-515	20.91									
					iii	Bifacial N- type Topcon Module (Glass to Glass)	STGP108R210B16-490 (490 Wp)	STGP108R210B16-510	22.92	108 (Half Cut Cells)	1500						
							STGP108R210B16-505	22.70									
							STGP108R210B16-500	22.47									
							STGP108R210B16-495	22.25									
							STGP108R210B16-490	22.02									
							STGP108R210B16-485	21.80									
							STGP108R210B16-480	21.57									
							STGP108R210B16-475	21.35									
							STGP108R210B16-470	21.12									
							STGP96R210B16-450	22.65									
					iv	Bifacial N- type Topcon Module (Glass to Glass)	STGP96R210B16-430 (430 Wp)	STGP96R210B16-445	22.40	96 (Half Cut Cells)	1500						
							STGP96R210B16-440	22.15									
							STGP96R210B16-435	21.89									
							STGP96R210B16-430	21.64									
							STGP96R210B16-425	21.39									
							STGP96R210B16-420	21.14									
							STGP96R210B16-415	20.89									
							STGP96R210B16-410	20.64									
							STGP84R210B16-395	22.59									
							STGP84R210B16-390	22.30									
						Bifacial N- type Topcon	STGP84R210B16-380	STGP84R210B16-385	22.02								

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)			
												From	To		
					v	Module (Glass to Glass)	STGP84R210B16-380 (380 Wp)	STGP84R210B16-380	21.73	84 (Half Cut Cells)	1500				
							STGP84R210B16-375	21.45							
							STGP84R210B16-370	21.16							
							STGP84R210B16-365	20.87							
					vi	Bifacial N- type Topcon Module (Glass to Glass)	STGP72R210B16-325 (325 Wp)	STGP72R210B16-340	22.51	72 (Half Cut Cells)	1500				
							STGP72R210B16-335	22.18							
							STGP72R210B16-330	21.85							
							STGP72R210B16-325	21.52							
							STGP72R210B16-320	21.19							
							STGP72R210B16-315	20.85							
							STGP72R210B16-310	20.52							
					vii	Bifacial N- type Topcon Module (Glass to Glass)	LR8-SMF-66HGD-610M (610 Wp)	LR8-SMF-66HGD-625M	23.14	132 (Half Cut Cells)	1500				
							LR8-SMF-66HGD-620M	22.95							
							LR8-SMF-66HGD-615M	22.77							
							LR8-SMF-66HGD-610M	22.58							
							LR8-SMF-66HGD-605M	22.40							
							LR8-SMF-66HGD-600M	22.21							
							LR8-SMF-66HGD-595M	22.03							
					viii	Bifacial N- type Topcon Module (Glass to Glass)	STGP144M10B16-585 (585 Wp)	STGP144M10B16-610	23.61	144 (Half Cut Cells)	1500				
							STGP144M10B16-605	23.42							
							STGP144M10B16-600	23.23							
							STGP144M10B16-595	23.03							
							STGP144M10B16-590	22.84							
							STGP144M10B16-585	22.65							
							STGP144M10B16-580	22.45							
							STGP144M10B16-575	22.26							
							STGP144M10B16-570	22.07							
							STGP144M10B16-565	21.87							
							STGP144M10B16-560	21.68							
					ix	Bifacial N- type Topcon Module (Glass to Glass)	STGP132M10B16-515 (515 Wp)	STGP132M10B16-535	22.54	132 (Half Cut Cells)	1500				
							STGP132M10B16-530	22.33							
							STGP132M10B16-525	22.12							
							STGP132M10B16-520	21.91							
							STGP132M10B16-515	21.70							
							STGP132M10B16-510	21.49							
							STGP132M10B16-505	21.28							
							STGP132M10B16-500	21.07							
							STGP132M10B16-495	20.86							
							STGP132M10B16-490	20.64							
					x	Bifacial N- type Topcon Module (Glass to Glass)	STGP120M10B16-465 (465 Wp)	STGP120M10B16-485	22.36	120 (Half Cut Cells)	1500				
							STGP120M10B16-480	22.13							
							STGP120M10B16-475	21.90							
							STGP120M10B16-470	21.67							
							STGP120M10B16-465	21.44							
							STGP120M10B16-460	21.20							
							STGP120M10B16-455	20.97							
							STGP120M10B16-450	20.74							
							STGP120M10B16-445	20.51							
							STGP120M10B16-435	22.17							
					xi	Bifacial N- type Topcon Module (Glass to Glass)	STGP108M10B16-415 (415 Wp)	STGP108M10B16-430	21.92	108 (Half Cut Cells)	1500				
							STGP108M10B16-425	21.66							
							STGP108M10B16-420	21.41							
							STGP108M10B16-415	21.15							
							STGP108M10B16-410	20.90							
							STGP108M10B16-405	20.64							
							STGP108M10B16-400	20.39							
							STGP108M10B16-395	20.13							
							STGP96M10B16-390	22.33							
					xii	Bifacial N- type Topcon Module (Glass to Glass)	STGP96M10B16-375 (375 Wp)	STGP96M10B16-385	22.05			96 (Half Cut Cells)	1500		
							STGP96M10B16-380	21.76							
							STGP96M10B16-375	21.47							
							STGP96M10B16-370	21.19							
							STGP96M10B16-365	20.90							

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
					xiii	Bifacial N- type Topcon Module (Glass to Glass)	STGP84M10B16-325 (325 Wp)	STGP96M10B16-360 STGP84M10B16-340 STGP84M10B16-335 STGP84M10B16-330 STGP84M10B16-325 STGP84M10B16-320 STGP84M10B16-315 STGP84M10B16-310	20.61 22.13 21.80 21.48 21.15 20.83 20.50 20.17	84 (Half Cut Cells)	1500		
					xiv	Bifacial N- type Topcon Module (Glass to Glass)	STGP72M10B16-280 (280 Wp)	STGP72M10B16-290 STGP72M10B16-285 STGP72M10B16-280 STGP72M10B16-275 STGP72M10B16-270	21.86 21.48 21.10 20.73 20.35	72 (Half Cut Cells)	1500		
14	M/s. Mundra Solar PV Limited (Model Addition under Co-ALMM)	Co-ALMM with M/s Goldi Sun Private Limited Manufacturing Address: City Survey No. 920, Vijalpore Road, TA, Distt. Navsari, Gujarat – 396445, India	R-72012025	187 MW (As per CoBranding Agreement)	i	Bifacial N Type TOPCon	ASB-M10-144-535 (535 Wp)	ASB-M10-144-520 ASB-M10-144-525 ASB-M10-144-530 ASB-M10-144-535 ASB-M10-144-540 ASB-M10-144-545 ASB-M10-144-550	20.12 20.31 20.51 20.70 20.89 21.09 21.28	144 (Half Cut cells)	1500	27.03.2025	16.01.2026
					ii	Bifacial N Type TOPCon	ASB-M10-144-580 (580 Wp)	ASB-M10-144-580	22.45	144 (Half Cut cells)	1500		
15	M/s. Pravanya Solar India Private Limited (New Addition in ALMM)	C-2, Industrial Area, Madhya Marg, Bahadarabad, SIDCUL, Haridwar - 249403, Uttarakhand	R-83011754	79	i	Mono c-Si PERC Modules	PSI550W/24V	PSI550W/24V PSI545W/24V	21.32 21.13	144 (Half Cut Cells)	1500	21.05.2025	20.05.2029
					ii	Mono c-Si PERC Modules	PSI500W/24V	PSI500W/24V	20.91	132 (Half Cut Cells)	1500		
					iii	Mono c-Si PERC Modules	PSI200W/12V	PSI200W/12V	20.18	39 (Half Cut Cells)	1000		
					iv	Mono c-Si PERC Modules	PSI165W/12V	PSI165W/12V	19.88	36 (Half Cut Cells)	1000		
					v	Mono c-Si PERC Modules	PSI120W/12V	PSI120W/12V	19.73	36 (Half Cut Cells)	1000		
					vi	Mono c-Si PERC Modules	PSI110W/12V	PSI110W/12V	20.54	36 (Half Cut Cells)	1000		
16	M/s. Renewsys India Pvt. Ltd (Capacity Addition)	Sy .No. 114/P, Srinagar (V) , Fabcity, Maheswaram (M), Ranga Reddy District - 501359, Telangana, India	R-63000760	1773	i	Bifacial N type TOPCon Modules (Glass to Glass)	DESERV EXTREME-450 (450 Wp)	DESERV EXTREME-450 DESERV EXTREME-445 DESERV EXTREME-440 DESERV EXTREME-435 DESERV EXTREME-430 DESERV EXTREME-425 DESERV EXTREME-420 DESERV EXTREME-415	22.97 22.72 22.46 22.21 21.95 21.70 21.44 21.18	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					ii	Bifacial N type TOPCon Modules (Glass to Glass)	DESERV EXTREME-500 (500 Wp)	DESERV EXTREME-500 DESERV EXTREME-495 DESERV EXTREME-490 DESERV EXTREME-485 DESERV EXTREME-480 DESERV EXTREME-475 DESERV EXTREME-470 DESERV EXTREME-465 DESERV EXTREME-600	23.06 22.83 22.60 22.37 22.13 21.90 21.67 21.44 23.26	120 (Half Cut Cells)	1500		
					iii	Bifacial N type TOPCon Modules (Glass to Glass)	DESERV EXTREME-600 (600 Wp)	DESERV EXTREME-595 DESERV EXTREME-590 DESERV EXTREME-585 DESERV EXTREME-580 DESERV EXTREME-575 DESERV EXTREME-570 DESERV EXTREME-565 DESERV EXTREME-650 DESERV EXTREME-645	23.06 22.87 22.68 22.48 22.29 22.09 21.90 23.30 23.12	144 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)						
												From	To					
					iv	Bifacial N type TOPCon Modules (Glass to Glass)	DESERV EXTREME-645 (645 Wp)	DESERV EXTREME-640	22.94	156 (Half Cut Cells)	1500							
								DESERV EXTREME-635	22.76									
								DESERV EXTREME-630	22.59									
								DESERV EXTREME-625	22.41									
								DESERV EXTREME-620	22.23									
								DESERV EXTREME-615	22.05									
								DESERV SGALACTIC-635	22.76									
								DESERV SGALACTIC-630	22.59									
					v	N type TOPCon Modules	DESERV SGALACTIC-635 (635 Wp)	DESERV SGALACTIC-625	22.41	156 (Half Cut Cells)	1500							
								DESERV SGALACTIC-620	22.23									
								DESERV SGALACTIC-615	22.05									
								DESERV SGALACTIC-590	22.87									
					vi	N type TOPCon Modules	DESERV SGALACTIC-590 (590 Wp)	DESERV SGALACTIC-585	22.68	144 (Half Cut Cells)	1500							
								DESERV SGALACTIC-580	22.48									
								DESERV SGALACTIC-575	22.29									
								DESERV SGALACTIC-570	22.09									
								DESERV SGALACTIC-565	21.90									
								DESERV SGALACTIC-490	22.60									
					vii	N type TOPCon Modules	DESERV SGALACTIC-490 (490 Wp)	DESERV SGALACTIC-485	22.37	120 (Half Cut Cells)	1500							
								DESERV SGALACTIC-480	22.13									
								DESERV SGALACTIC-475	21.90									
								DESERV SGALACTIC-470	21.67									
								DESERV SGALACTIC-465	21.44									
								DESERV SGALACTIC-440	22.46									
					viii	N type TOPCon Modules	DESERV SGALACTIC-440 (440 Wp)	DESERV SGALACTIC-435	22.21	108 (Half Cut Cells)	1500							
								DESERV SGALACTIC-430	21.95									
								DESERV SGALACTIC-425	21.70									
								DESERV SGALACTIC-420	21.44									
DESERV SGALACTIC-415	21.18																	
17	M/s. Premier Energies Global Environment (P) Limited (New Addition in ALMM)	Plot No S-95,S-96,S-100,S-101,S-102,S-103 and S-104/Part 1, E-City , Raviryala, Maheswaram, Rangareddy - 501359, Telangana, India	R-63004740	1085				i	Bifacial Mono c-Si PERC Module (Glass to Glass)			PEI-144-550HGB-M10 (550 Wp)	PEI-144-535HGB-M10	20.70	144 (Half Cut Cells)	1500	21.05.2025	20.05.2029
													PEI-144-540HGB-M10	20.89				
													PEI-144-545HGB-M10	21.09				
					PEI-144-550HGB-M10	21.28												
					PEI-144-555HGB-M10	21.48												
					PEI-144-560HGB-M10	21.67												
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	PEI-132-615THGB-G12R (615 Wp)			PEI-132-600THGB-G12R	19.32		132 (Half Cut Cells) Cell size: 182*210mm 16 BB	1500				
										PEI-132-605THGB-G12R	19.48							
								PEI-132-610THGB-G12R	19.64									
								PEI-132-615THGB-G12R	19.80									
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	PEI-132-695THGB-G12 (695 Wp)	PEI-132-620THGB-G12R	19.96	132 (Half Cut Cells) Cell size: 210*210mm 18 BB	1500							
								PEI-132-625THGB-G12R	20.12									
PEI-132-630THGB-G12R	20.28																	
PEI-132-680THGB-G12	21.89																	
PEI-132-685THGB-G12	22.05																	
PEI-132-690THGB-G12	22.21																	
iv	Bifacial N-Type TOPCon Module (Glass to Glass)	PEI-144-570THGB-M10 (570 Wp)	PEI-132-695THGB-G12	22.37	144 (Half Cut Cells)	1500												
			PEI-132-700THGB-G12	22.53														
			PEI-132-705THGB-G12	22.70														
			PEI-132-710THGB-G12	22.86														
			PEI-144-545THGB-M10	21.09														
			PEI-144-550THGB-M10	21.28														
			PEI-144-555THGB-M10	21.48														
			PEI-144-560THGB-M10	21.67														
			PEI-144-565THGB-M10	21.86														
			PEI-144-570THGB-M10	22.06														
18	M/s. ADM Solar Power &	Plot No: 22/1, The Printer House Private Limited,	R-93011576	514		Bifacial Mono c-Si PERC Module	ADM545	ADM540	20.93			24.05.2024	23.05.2028					
								ADM545	21.13									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
	Infrastructure Pvt Ltd. (Model Addition + Capacity Addition)	Mathura Road, Ballabgarh, Sikri Industrial Area, Faridabad, Haryana - 121004, India			i	Module (Glass to Transparent Backsheet)	ADM545 (545Wp)	ADM550	21.32	144 (Half Cut Cells)	1500		
					ii	Mono c-Si PERC Module	ADM120 (120 Wp)	ADM120	19.73	32 (Half Cut Cells)	1000		
					iii	Mono c-Si PERC Module	ADMS90 (90 Wp)	ADMS90	19.29	36 (Half Cut Cells)	600		
19	M/s. Green Brilliance Renewable Energy LLP (New Addition in ALMM List)	Plot No 1408 G.I.D.C. Industrial Estate, Waghodia, Vadodara - 391760, Gujarat, India	R-72002119	32	i	N-Type TOPCon Module	GB120HC505 (505 Wp)	GB120HC490	22.67	120 (Half Cut Cells)	1500	21.05.2025	20.05.2029
								GB120HC495	22.90				
								GB120HC500	23.13				
								GB120HC505	23.36				
								GB120HC510	23.60				
								GB120HC515	23.83				
					ii	N-Type TOPCon Module	GB132HC545 (545 Wp)	GB120HC520	24.06				
								GB132HC530	22.30				
								GB132HC535	22.51				
								GB132HC540	22.72				
								GB132HC545	22.93				
								GB132HC550	23.14				
					iii	N-Type TOPCon Module	GB144HC585 (585 Wp)	GB132HC555	23.35				
								GB132HC560	23.56				
								GB144HC570	22.07				
								GB144HC575	22.26				
								GB144HC580	22.45				
								GB144HC585	22.65				
					iv	N-Type TOPCon Module	GB156HC635 (635 Wp)	GB144HC590	22.84				
								GB144HC595	23.03				
GB144HC600	23.23												
GB156HC620	22.19												
GB156HC625	22.37												
GB156HC630	22.55												
GB156HC635	22.73												
GB156HC640	22.90												
20	M/s. Goldi Sun Private Limited (Capacity Addition)	Unit no 6 (Type F) , Block No. 341, Prime Industrial and Logistic Hub, NR. P.P Savani University, NH-48,Gram Panchayat, Dhamdod - 394125, Surat, Gujarat, India	R-72012467	4588	i	Bifacial N-Type TOPCon Module (Glass to Glass)	GS10-T144-GF-575 (575 Wp)	GB156HC645	23.08	144 (Half Cut Cell)	1500	27.03.2025	26.03.2029
								GB156HC650	23.26				
								GS10-T144-GF-595	23.03				
								GS10-T144-GF-590	22.84				
								GS10-T144-GF-585	22.65				
								GS10-T144-GF-580	22.45				
								GS10-T144-GF-575	22.26				
								GS10-T144-GF-570	22.07				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	GS10-T132-GF-535 (535 Wp)	GS10-T144-GF-565	21.87				
								GS10-T144-GF-560	21.68				
								GS10-T144-GF-555	21.48				
								GS10-T132-GF-550	23.15				
								GS10-T132-GF-545	22.94				
								GS10-T132-GF-540	22.73				
iii	Bifacial N-Type TOPCon Module (Glass to Glass)	GS10-T120-GF-480 (480 Wp)	GS10-T132-GF-535	22.52									
			GS10-T132-GF-530	22.31									
			GS10-T132-GF-525	22.10									
			GS10-T132-GF-520	21.89									
			GS10-T132-GF-515	21.68									
			GS10-T120-GF-500	23.08									
			GS10-T120-GF-495	22.85									
			GS10-T120-GF-490	22.62									
			GS10-T120-GF-485	22.39									
			GS10-T120-GF-480	22.16									
GS10-T120-GF-475	21.93												
GS10-T120-GF-470	21.70												
GS10-T120-GF-465	21.47												
GS10-T108-GF-450	22.94												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	GS10-T108-GF-450 (450 Wp)	GS10-T108-GF-445 GS10-T108-GF-440 GS10-T108-GF-435 GS10-T108-GF-430 GS10-T108-GF-425 GS10-T108-GF-420 GS10-T108-GF-415	22.68 22.43 22.17 21.92 21.66 21.41 21.15	108 (Half Cut Cell)	1500		
21	M/s. Gautam Solar Pvt. Ltd. (Model Addition + Capacity Addition)	7 KM Milestone, Tosham Road, Dist - Bhiwani, Bhiwani Khara - 127032, Haryana, India	R-91017574	852	i	N-Type TOPCon Module	G2X1785N-UHAD (595Wp) (567Wp - 600Wp)	G2X1800N-UHAD G2X1797N-UHAD G2X1794N-UHAD G2X1791N-UHAD G2X1788N-UHAD G2X1785N-UHAD G2X1782N-UHAD G2X1779N-UHAD G2X1776N-UHAD G2X1773N-UHAD G2X1770N-UHAD G2X1767N-UHAD G2X1764N-UHAD G2X1761N-UHAD G2X1758N-UHAD G2X1755N-UHAD G2X1752N-UHAD G2X1749N-UHAD G2X1746N-UHAD G2X1743N-UHAD G2X1740N-UHAD G2X1737N-UHAD G2X1734N-UHAD G2X1731N-UHAD G2X1728N-UHAD G2X1725N-UHAD G2X1722N-UHAD G2X1719N-UHAD G2X1716N-UHAD G2X1713N-UHAD G2X1710N-UHAD G2X1707N-UHAD G2X1704N-UHAD G2X1701N-UHAD	23.21 23.17 23.13 23.09 23.05 23.01 22.97 22.94 22.90 22.86 22.82 22.78 22.74 22.70 22.66 22.63 22.59 22.55 22.51 22.47 22.43 22.39 22.36 22.32 22.28 22.24 22.20 22.16 22.12 22.08 22.05 22.01 21.97 21.93	144 (Half Cut Cells)	1500	21.04.2025	20.04.2029
					ii	N-Type TOPCon	G2X1650N-UHAB (550Wp) (535Wp-560Wp)	G2X1680N-UHAB G2X1677N-UHAB G2X1674N-UHAB G2X1671N-UHAB G2X1668N-UHAB G2X1665N-UHAB G2X1662N-UHAB G2X1659N-UHAB G2X1656N-UHAB G2X1653N-UHAB G2X1650N-UHAB G2X1647N-UHAB G2X1644N-UHAB G2X1641N-UHAB G2X1638N-UHAB G2X1635N-UHAB G2X1632N-UHAB G2X1629N-UHAB G2X1626N-UHAB G2X1623N-UHAB G2X1620N-UHAB G2X1617N-UHAB	23.57 23.53 23.49 23.45 23.40 23.36 23.32 23.28 23.23 23.19 23.15 23.11 23.07 23.02 22.98 22.94 22.90 22.86 22.81 22.77 22.73 22.69	132 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
								G2X1614N-UHAB	22.65				
								G2X1611N-UHAB	22.60				
								G2X1608N-UHAB	22.56				
								G2X1605N-UHAB	22.52				
					iii	N-Type TOPCon	G2X1560N-UHAB (520Wp) (505-530Wp)	G2X1590N-UHAB	22.31	132 (Half Cut Cells)	1500		
							G2X1575N-UHAB	22.10					
							G2X1560N-UHAB	21.89					
							G2X1545N-UHAB	21.68					
							G2X1530N-UHAB	21.47					
							G2X1515N-UHAB	21.26					
					iv	N-Type TOPCon	G2X1500N-UHAA (500Wp) (475Wp - 515Wp)	G2X1545N-UHAA	23.78	120 (Half Cut Cells)	1500		
							G2X1542N-UHAA	23.73					
							G2X1539N-UHAA	23.68					
							G2X1536N-UHAA	23.64					
							G2X1533N-UHAA	23.59					
							G2X1530N-UHAA	23.55					
							G2X1527N-UHAA	23.50					
							G2X1524N-UHAA	23.45					
							G2X1521N-UHAA	23.41					
							G2X1518N-UHAA	23.36					
							G2X1515N-UHAA	23.32					
							G2X1512N-UHAA	23.27					
							G2X1509N-UHAA	23.22					
							G2X1506N-UHAA	23.18					
							G2X1503N-UHAA	23.13					
							G2X1500N-UHAA	23.08					
							G2X1497N-UHAA	23.04					
							G2X1494N-UHAA	22.99					
							G2X1491N-UHAA	22.95					
							G2X1488N-UHAA	22.90					
							G2X1485N-UHAA	22.85					
							G2X1482N-UHAA	22.81					
							G2X1479N-UHAA	22.76					
							G2X1476N-UHAA	22.72					
							G2X1473N-UHAA	22.67					
							G2X1470N-UHAA	22.62					
							G2X1467N-UHAA	22.58					
							G2X1464N-UHAA	22.53					
							G2X1461N-UHAA	22.48					
							G2X1458N-UHAA	22.44					
							G2X1455N-UHAA	22.39					
							G2X1440N-UHAA	22.16					
							G2X1425N-UHAA	21.93					
					v	N-Type TOPCon	G2X1350N-UHAY (450Wp) (430Wp - 470Wp)	G2X1410N-UHAY	24.04	108 (Half Cut Cells)	1500		
							G2X1407N-UHAY	23.99					
							G2X1404N-UHAY	23.94					
							G2X1401N-UHAY	23.89					
							G2X1398N-UHAY	23.84					
							G2X1395N-UHAY	23.78					
							G2X1392N-UHAY	23.73					
							G2X1389N-UHAY	23.68					
							G2X1386N-UHAY	23.63					
							G2X1383N-UHAY	23.58					
							G2X1380N-UHAY	23.53					
							G2X1377N-UHAY	23.48					
							G2X1374N-UHAY	23.43					
							G2X1371N-UHAY	23.38					
							G2X1368N-UHAY	23.32					
							G2X1365N-UHAY	23.27					
							G2X1362N-UHAY	23.22					
							G2X1359N-UHAY	23.17					
							G2X1356N-UHAY	23.12					
							G2X1353N-UHAY	23.07					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
								G2X1350N-UHAY	23.02				
								G2X1347N-UHAY	22.97				
								G2X1344N-UHAY	22.92				
								G2X1341N-UHAY	22.86				
								G2X1338N-UHAY	22.81				
								G2X1335N-UHAY	22.76				
								G2X1332N-UHAY	22.71				
								G2X1329N-UHAY	22.66				
								G2X1326N-UHAY	22.61				
								G2X1323N-UHAY	22.56				
								G2X1320N-UHAY	22.51				
								G2X1305N-UHAY	22.25				
								G2X1290N-UHAY	21.99				
					vi	N-Type TOPCon	G2X1200N-UHAX (400Wp) (380-420Wp)	G2X1260N-UHAX	24.08	96 (Half Cut Cells)	1500		
								G2X1245N-UHAX	23.79				
								G2X1230N-UHAX	23.51				
								G2X1215N-UHAX	23.22				
								G2X1200N-UHAX	22.93				
								G2X1185N-UHAX	22.65				
								G2X1170N-UHAX	22.36				
								G2X1155N-UHAX	22.07				
								G2X1140N-UHAX	21.79				
					vii	N-Type TOPCon	G2X1065N-UHAC (355Wp) (335Wp - 370Wp)	G2X1110N-UHAC	24.10	84 (Half Cut Cells)	1500		
								G2X1095N-UHAC	23.77				
								G2X1080N-UHAC	23.45				
								G2X1065N-UHAC	23.12				
								G2X1050N-UHAC	22.79				
								G2X1035N-UHAC	22.47				
								G2X1020N-UHAC	22.14				
					viii	N-Type TOPCon	G2X1785NW-UHAD (595Wp) (567Wp - 600Wp)	G2X1800NW-UHAD	23.21	144 (Half Cut Cells)	1500		
								G2X1797NW-UHAD	23.17				
								G2X1794NW-UHAD	23.13				
								G2X1791NW-UHAD	23.09				
								G2X1788NW-UHAD	23.05				
								G2X1785NW-UHAD	23.01				
								G2X1782NW-UHAD	22.97				
								G2X1779NW-UHAD	22.94				
								G2X1776NW-UHAD	22.90				
								G2X1773NW-UHAD	22.86				
								G2X1770NW-UHAD	22.82				
								G2X1767NW-UHAD	22.78				
								G2X1764NW-UHAD	22.74				
								G2X1761NW-UHAD	22.70				
								G2X1758NW-UHAD	22.66				
								G2X1755NW-UHAD	22.63				
								G2X1752NW-UHAD	22.59				
								G2X1749NW-UHAD	22.55				
								G2X1746NW-UHAD	22.51				
								G2X1743NW-UHAD	22.47				
								G2X1740NW-UHAD	22.43				
								G2X1737NW-UHAD	22.39				
								G2X1734NW-UHAD	22.36				
								G2X1731NW-UHAD	22.32				
								G2X1728NW-UHAD	22.28				
								G2X1725NW-UHAD	22.24				
								G2X1722NW-UHAD	22.20				
								G2X1719NW-UHAD	22.16				
								G2X1716NW-UHAD	22.12				
								G2X1713NW-UHAD	22.08				
								G2X1710NW-UHAD	22.05				
								G2X1707NW-UHAD	22.01				
								G2X1704NW-UHAD	21.97				
								G2X1701NW-UHAD	21.93				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)			
												From	To		
					ix	N-Type TOPCon	G2X1650NW-UHAB (550Wp) (535Wp - 560Wp)	G2X1680NW-UHAB	23.57	132 (Half Cut Cells)	1500				
														G2X1677NW-UHAB	23.53
														G2X1674NW-UHAB	23.49
														G2X1671NW-UHAB	23.45
														G2X1668NW-UHAB	23.40
														G2X1665NW-UHAB	23.36
														G2X1662NW-UHAB	23.32
														G2X1659NW-UHAB	23.28
														G2X1656NW-UHAB	23.23
														G2X1653NW-UHAB	23.19
														G2X1650NW-UHAB	23.15
														G2X1647NW-UHAB	23.11
														G2X1644NW-UHAB	23.07
														G2X1641NW-UHAB	23.02
														G2X1638NW-UHAB	22.98
														G2X1635NW-UHAB	22.94
														G2X1632NW-UHAB	22.90
														G2X1629NW-UHAB	22.86
														G2X1626NW-UHAB	22.81
														G2X1623NW-UHAB	22.77
														G2X1620NW-UHAB	22.73
														G2X1617NW-UHAB	22.69
														G2X1614NW-UHAB	22.65
							G2X1611NW-UHAB	22.60							
							G2X1608NW-UHAB	22.56							
							G2X1605NW-UHAB	22.52							
					x	N-Type TOPCon	G2X1560NW-UHAB (520Wp) (505Wp - 530Wp)	G2X1590NW-UHAB	22.31	132 (Half Cut Cells)	1500				
														G2X1575NW-UHAB	22.10
														G2X1560NW-UHAB	21.89
														G2X1545NW-UHAB	21.68
					xi	N-Type TOPCon	G2X1530NW-UHAA (510Wp) (501Wp - 515Wp)	G2X1530NW-UHAB	21.47	120 (Half Cut Cells)	1500				
														G2X1515NW-UHAB	21.26
														G2X1545NW-UHAA	23.78
														G2X1542NW-UHAA	23.73
														G2X1539NW-UHAA	23.68
														G2X1536NW-UHAA	23.64
														G2X1533NW-UHAA	23.59
														G2X1530NW-UHAA	23.55
														G2X1527NW-UHAA	23.50
														G2X1524NW-UHAA	23.45
														G2X1521NW-UHAA	23.41
														G2X1518NW-UHAA	23.36
														G2X1515NW-UHAA	23.32
														G2X1512NW-UHAA	23.27
														G2X1509NW-UHAA	23.22
														G2X1506NW-UHAA	23.18
							G2X1503NW-UHAA	23.13							
					xii	N-Type TOPCon	G2X1470NW-UHAA (490Wp) (470Wp - 500Wp)	G2X1500NW-UHAA	23.08	120 (Half Cut Cells)	1500				
														G2X1497NW-UHAA	23.04
														G2X1494NW-UHAA	22.99
														G2X1491NW-UHAA	22.95
														G2X1488NW-UHAA	22.90
														G2X1485NW-UHAA	22.85
														G2X1482NW-UHAA	22.81
														G2X1479NW-UHAA	22.76
														G2X1476NW-UHAA	22.72
														G2X1473NW-UHAA	22.67
														G2X1470NW-UHAA	22.62
														G2X1467NW-UHAA	22.58
														G2X1464NW-UHAA	22.53
														G2X1461NW-UHAA	22.48
							G2X1458NW-UHAA	22.44							
							G2X1455NW-UHAA	22.39							

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
								G2X1440NW-UHAA	22.16				
								G2X1425NW-UHAA	21.93				
								G2X1410NW-UHAA	21.70				
								G2X1395NW-UHAY	23.78				
								G2X1392NW-UHAY	23.73				
								G2X1389NW-UHAY	23.68				
								G2X1386NW-UHAY	23.63				
								G2X1383NW-UHAY	23.58				
								G2X1380NW-UHAY	23.53				
								G2X1377NW-UHAY	23.48				
								G2X1374NW-UHAY	23.43				
								G2X1371NW-UHAY	23.38				
								G2X1368NW-UHAY	23.32				
								G2X1365NW-UHAY	23.27				
								G2X1362NW-UHAY	23.22				
								G2X1359NW-UHAY	23.17				
								G2X1356NW-UHAY	23.12				
								G2X1353NW-UHAY	23.07				
								G2X1350NW-UHAY	23.02				
								G2X1347NW-UHAY	22.97				
								G2X1344NW-UHAY	22.92				
								G2X1341NW-UHAY	22.86				
								G2X1338NW-UHAY	22.81				
								G2X1335NW-UHAY	22.76				
								G2X1332NW-UHAY	22.71				
								G2X1329NW-UHAY	22.66				
								G2X1326NW-UHAY	22.61				
								G2X1323NW-UHAY	22.56				
								G2X1320NW-UHAY	22.51				
								G2X1305NW-UHAY	22.25				
								G2X1290NW-UHAY	21.99				
								G2X1245NW-UHAX	23.79				
								G2X1230NW-UHAX	23.51				
								G2X1215NW-UHAX	23.22				
								G2X1200NW-UHAX	22.93				
								G2X1185NW-UHAX	22.65				
								G2X1170NW-UHAX	22.36				
								G2X1155NW-UHAX	22.07				
								G2X1140NW-UHAX	21.79				
								G2X1095NW-UHAC	23.77				
								G2X1080NW-UHAC	23.45				
								G2X1065NW-UHAC	23.12				
								G2X1050NW-UHAC	22.79				
								G2X1035NW-UHAC	22.47				
								G2X1020NW-UHAC	22.14				
								G2X945NW-UHAF	23.78				
								G2X930NW-UHAF	23.40				
								G2X915NW-UHAF	23.03				
								G2X900NW-UHAF	22.65				
								G2X885NW-UHAF	22.27				
								G2X870NW-UHAF	21.89				
								G2X855NW-UHAF	21.52				
								G2G1800-HAD	23.21				
								G2G1797-UHAD	23.17				
								G2G1794N-UHAD	23.13				
								G2G1791B-UHAD	23.09				
								G2G1788NB-UHAD	23.05				
								G2G1785-HAD	23.01				
								G2G1782-UHAD	22.97				
								G2G1779N-UHAD	22.94				
								G2G1776B-UHAD	22.90				
								G2G1773NB-UHAD	22.86				
								G2G1770-HAD	22.82				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)			
												From	To		
					xvii	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1785-HAD (595Wp) (567Wp - 600Wp)	G2G1767-UHAD	22.78	144 (Half Cut Cells)	1500				
														G2G1764N-UHAD	22.74
														G2G1761B-UHAD	22.70
														G2G1758NB-UHAD	22.66
														G2G1755-HAD	22.63
														G2G1752-UHAD	22.59
														G2G1749N-UHAD	22.55
														G2G1746B-UHAD	22.51
														G2G1743NB-UHAD	22.47
														G2G1740-HAD	22.43
														G2G1737-UHAD	22.39
														G2G1734N-UHAD	22.36
														G2G1731B-UHAD	22.32
														G2G1728NB-UHAD	22.28
														G2G1725-HAD	22.24
														G2G1722-UHAD	22.20
														G2G1719N-UHAD	22.16
														G2G1716B-UHAD	22.12
														G2G1713NB-UHAD	22.08
														G2G1710-HAD	22.05
							G2G1707-UHAD	22.01							
							G2G1704N-UHAD	21.97							
							G2G1701B-UHAD	21.93							
					xviii	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1650-HAB (550Wp) (531Wp - 560Wp)	G2G1680-HAB	23.57	132 (Half Cut Cells)	1500				
														G2G1677-UHAB	23.53
														G2G1674N-UHAB	23.49
														G2G1671B-UHAB	23.45
														G2G1668NB-UHAB	23.40
														G2G1665-HAB	23.36
														G2G1662-UHAB	23.32
														G2G1659N-UHAB	23.28
														G2G1656B-UHAB	23.23
														G2G1653NB-UHAB	23.19
														G2G1650-HAB	23.15
														G2G1647-UHAB	23.11
														G2G1644N-UHAB	23.07
														G2G1641B-UHAB	23.02
														G2G1638NB-UHAB	22.98
														G2G1635-HAB	22.94
														G2G1632-UHAB	22.90
														G2G1629N-UHAB	22.86
														G2G1626B-UHAB	22.81
														G2G1623NB-UHAB	22.77
							G2G1620-HAB	22.73							
							G2G1617-UHAB	22.69							
							G2G1614N-UHAB	22.65							
							G2G1611B-UHAB	22.60							
							G2G1608NB-UHAB	22.56							
							G2G1605-HAB	22.52							
							G2G1602-UHAB	22.48							
							G2G1599N-UHAB	22.44							
							G2G1596B-UHAB	22.39							
							G2G1593NB-UHAB	22.35							
							G2G1590-HAB	22.31							
							G2G1587-UHAB	22.27							
							G2G1584N-UHAB	22.22							
							G2G1581B-UHAB	22.18							
							G2G1578NB-UHAB	22.14							
							G2G1575-HAB	22.10							
							G2G1572-UHAB	22.06							
							G2G1569N-UHAB	22.01							
							G2G1566B-UHAB	21.97							
							G2G1563NB-UHAB	21.93							

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
					xxi	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1344N-UHAY (448Wp) (425Wp - 465Wp)	G2G1377-UHAY	23.48	108 (Half Cut Cells)	1500		
				G2G1374N-UHAY				23.43					
				G2G1371B-UHAY				23.38					
				G2G1368NB-UHAY				23.32					
				G2G1365-HAY				23.27					
				G2G1362-UHAY				23.22					
				G2G1359N-UHAY				23.17					
				G2G1356B-UHAY				23.12					
				G2G1353NB-UHAY				23.07					
				G2G1350-HAY				23.02					
				G2G1347-UHAY				22.97					
				G2G1344N-UHAY				22.92					
				G2G1341B-UHAY				22.86					
				G2G1338NB-UHAY				22.81					
				G2G1335-HAY				22.76					
				G2G1332-UHAY				22.71					
				G2G1329N-UHAY				22.66					
				G2G1326B-UHAY				22.61					
				G2G1323NB-UHAY				22.56					
				G2G1320-HAY				22.51					
				G2G1317-UHAY				22.46					
				G2G1314N-UHAY				22.40					
				G2G1308NB-UHAY				22.30					
				G2G1305-HAY				22.25					
				G2G1302-UHAY				22.20					
				G2G1299N-UHAY				22.15					
				G2G1296B-UHAY				22.10					
				G2G1293NB-UHAY				22.05					
				G2G1290-HAY				21.99					
				G2G1287-UHAY				21.94					
				G2G1284N-UHAY				21.89					
				G2G1281B-UHAY				21.84					
				G2G1278NB-UHAY	21.79								
				G2G1275-HAY	21.74								
				G2G1245-HAX	23.79	xxii	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1245-HAX	23.79	96 (Half Cut Cells)	1500		
				G2G1242-UHAX	23.74								
				G2G1239N-UHAX	23.68								
				G2G1236B-UHAX	23.62								
				G2G1233NB-UHAX	23.57								
				G2G1230-HAX	23.51								
				G2G1215-HAX	23.22								
				G2G1212-UHAX	23.16								
				G2G1209N-UHAX	23.11								
				G2G1206B-UHAX	23.05								
				G2G1203NB-UHAX	22.99								
				G2G1200-HAX	22.93								
				G2G1197-UHAX	22.88								
				G2G1194N-UHAX	22.82								
				G2G1191B-UHAX	22.76								
				G2G1188NB-UHAX	22.71								
				G2G1185-HAX	22.65								
				G2G1182-UHAX	22.59								
				G2G1179N-UHAX	22.53								
				G2G1176B-UHAX	22.48								
				G2G1173NB-UHAX	22.42								
				G2G1170-HAX	22.36								
				G2G1167-UHAX	22.30								
				G2G1164N-UHAX	22.25								
				G2G1161B-UHAX	22.19								
				G2G1158NB-UHAX	22.13								
				G2G1155-HAX	22.07								
				G2G1152-UHAX	22.02								
				G2G1149N-UHAX	21.96								

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
								G2G1029N-UHAC	22.34				
								G2G1026B-UHAC	22.27				
								G2G1023NB-UHAC	22.21				
								G2G1020-HAC	22.14				
								G2G1017-UHAC	22.08				
								G2G1014N-UHAC	22.01				
								G2G1011B-UHAC	21.95				
								G2G1008NB-UHAC	21.88				
								G2G1005-HAC	21.82				
					xxvi	Bifacial N-Type TOPCon Module (Glass to Glass)	G3G1800K-UHAB (600 Wp) (580 Wp- 630 Wp)	G3G1890K-UHAB	23.32	132 (Half Cut Cells)	1500		
								G3G1875K-UHAB	23.14				
								G3G1860K-UHAB	22.95				
								G3G1845K-UHAB	22.77				
								G3G1830K-UHAB	22.58				
								G3G1815K-UHAB	22.40				
								G3G1800K-UHAB	22.21				
								G3G1785K-UHAB	22.03				
								G3G1770K-UHAB	21.84				
								G3G1755K-UHAB	21.66				
								G3G1740K-UHAB	21.47				
					xxvii	Bifacial N-Type TOPCon Module (Glass to Glass)	G3G1665K-UHAA (555 Wp) (525 Wp- 580 Wp)	G3G1740K-UHAA	23.56	120 (Half Cut Cells)	1500		
								G3G1725K-UHAA	23.36				
								G3G1710K-UHAA	23.15				
								G3G1695K-UHAA	22.95				
								G3G1680K-UHAA	22.75				
								G3G1665K-UHAA	22.54				
								G3G1650K-UHAA	22.34				
								G3G1635K-UHAA	22.14				
								G3G1620K-UHAA	21.93				
								G3G1605K-UHAA	21.73				
								G3G1590K-UHAA	21.53				
								G3G1575K-UHAA	21.32				
					xxviii	Bifacial N-Type TOPCon Module (Glass to Glass)	G3G1500K-UHAY (500 Wp) (475 Wp- 520 Wp)	G3G1560K-UHAY	23.41	108 (Half Cut Cells)	1500		
								G3G1545K-UHAY	23.18				
								G3G1530K-UHAY	22.96				
								G3G1515K-UHAY	22.73				
								G3G1500K-UHAY	22.51				
								G3G1485K-UHAY	22.28				
								G3G1470K-UHAY	22.06				
								G3G1455K-UHAY	21.83				
								G3G1440K-UHAY	21.61				
								G3G1425K-UHAY	21.38				
					xxix	Bifacial Mono c-Si PERC Module (Glass to Glass)	G2GBifacial1695-HAD (535 Wp) (510 Wp- 560 Wp)	G2GBifacial1728-HAD	21.66	144 (Half Cut Cells)	1500		
								G2GBifacial1721-HAD	21.47				
								G2GBifacial1715-HAD	21.27				
								G2GBifacial1708-HAD	21.08				
								G2GBifacial1702-HAD	20.89				
								G2GBifacial1695-HAD	20.69				
								G2GBifacial1689-HAD	20.50				
								G2GBifacial1682-HAD	20.31				
								G2GBifacial1676-HAD	20.11				
								G2GBifacial1669-HAD	19.92				
								G2GBifacial1663-HAD	19.73				
					xxx	Bifacial Mono c-Si PERC Module (Glass to Glass)	G2GBifacial1650-HAB (500 Wp) (485 Wp- 520 Wp)	G2GBifacial1676-HAB	21.75	132 (Half Cut Cells)	1500		
								G2GBifacial1669-HAB	21.54				
								G2GBifacial1663-HAB	21.33				
								G2GBifacial1656-HAB	21.13				
								G2GBifacial1650-HAB	20.92				
								G2GBifacial1643-HAB	20.71				
								G2GBifacial1637-HAB	20.50				
								G2GBifacial1630-HAB	20.29				
								G2GBifacial1546-HAY	21.31				
								G2GBifacial1539-HAY	21.06				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
					xxxi	Bifacial Mono c-Si PERC Module (Glass to Glass)	G2GBifacial1526-HAY (405 Wp) (390 Wp- 420 Wp)	G2GBifacial1533-HAY	20.80	108 (Half Cut Cells)	1500	21.05.2025	20.05.2029
								G2GBifacial1526-HAY	20.55				
								G2GBifacial1520-HAY	20.30				
								G2GBifacial1513-HAY	20.04				
								G2GBifacial1507-HAY	19.79				
					xxxii	Bifacial Mono c-Si PERC Module (Glass to Glass)	G2GBifacial1468-HAX (360 Wp) (350 Wp- 370 Wp)	G2GBifacial1481-HAX	21.00	96 (Half Cut Cells)	1500		
								G2GBifacial1474-HAX	20.71				
								G2GBifacial1468-HAX	20.43				
								G2GBifacial1461-HAX	20.14				
								G2GBifacial1455-HAX	19.86				
					xxxiii	Bifacial Mono c-Si PERC Module (Glass to Glass)	G2GBifacial1585-HAA (450 Wp) (440 Wp- 465Wp)	G2GBifacial1604-HAA	21.32	120 (Half Cut Cells)	1500		
								G2GBifacial1598-HAA	21.09				
								G2GBifacial1591-HAA	20.87				
								G2GBifacial1585-HAA	20.64				
								G2GBifacial1578-HAA	20.41				
G2GBifacial1572-HAA	20.18												
22	M/s. Contendre Greenergy Pvt. Ltd. (New Addition in ALMM List)	Final Plot No: 369, Pandit Deendayal Energy University, Raysan Village, Town Planning Scheme 19, Pdpu road, Gandhinagar, Gujarat, India	R-72012700	45	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	CG X144-500 (500 Wp)	CG X144-500	19.36	144 (Half Cut Cells)	1500		
					ii	Mono c-Si PERC Module (Glass to Transparent Backsheet)	CG X144-530 (530 Wp)	CG X144-505	19.55	144 (Half Cut Cells)	1500		
							CG X144-510	19.74					
							CG X144-515	19.94					
							CG X144-520	20.13					
							CG X144-525	20.32					
							CG X144-530	20.52					
							CG X144-535	20.71					
							CG X144-540	20.90					
							CG X144-545	21.10					
							CG X144-550	21.29					
							CG X144-555	21.48					
					iii	Mono c-Si PERC Module (Glass to Transparent Backsheet)	CG X132-485 (485 Wp)	CG X132-465	19.58	132 (Half Cut Cells)	1500		
							CG X132-470	19.79					
							CG X132-475	20.00					
							CG X132-480	20.21					
							CG X132-485	20.42					
							CG X132-490	20.64					
							CG X132-495	20.85					
							CG X132-500	21.06					
							CG X132-505	21.27					
					iv	Mono c-Si PERC Module (Glass to Transparent Backsheet)	CG X120-440 (440 Wp)	CG X120-420	19.40	120 (Half Cut Cells)	1500		
							CG X120-425	19.63					
							CG X120-430	19.86					
							CG X120-435	20.09					
							CG X120-440	20.33					
							CG X120-445	20.56					
							CG X120-450	20.79					
							CG X120-455	21.02					
							CG X120-460	21.25					
					v	Mono c-Si PERC Module (Glass to Transparent Backsheet)	CG X108-400 (400 Wp)	CG X108-380	19.44			108 (Half Cut Cells)	1500
							CG X108-385	19.69					
							CG X108-390	19.95					
							CG X108-395	20.20					
							CG X108-400	20.46					
							CG X108-405	20.72					
							CG X108-410	20.97					
							CG X108-415	21.23					
					vi	Mono c-Si PERC Module (Glass to Transparent Backsheet)	CG X96-335 (335 Wp)	CG X96-335	19.21	96 (Half Cut Cells)	1500		
							CG X96-340	19.49					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
					vii	Mono c-Si PERC Module (Glass to Transparent Backsheet)	CG X96-355 (355 Wp)	CG X96-345 CG X96-350 CG X96-355 CG X96-360 CG X96-365 CG X96-370	19.78 20.07 20.35 20.64 20.93 21.21	96 (Half Cut Cells)	1500		
23	M/s. Nextbrio Industries Private Limited (New Addition in ALMM List)	Khajoor Gaon, Nawabganj, Chinnat Deva road, Barabanki - 225003, Uttar Pradesh, India	R-93035440	21	i	Bifacial Mono c-Si PERC Module (Glass to Transparent)	NXB108P-410 (410 Wp)	NXB108P-400	20.48	108 (Half Cut Cells)	1500	21.05.2025	20.05.2029
								NXB108P-405	21.00				
								NXB108P-410	20.74				
								NXB108P-415	21.25				
								NXB108P-420	21.51				
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent)	NXB120P-445 (450 Wp)	NXB120P-435	20.13	120 (Half Cut Cells)	1500		
								NXB120P-440	20.36				
								NXB120P-445	20.59				
								NXB120P-450	20.82				
								NXB120P-455	21.05				
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent)	NXB132N-485 (485 Wp)	NXB120P-460	21.28	132 (Half Cut Cells)	1500		
								NXB132N-475	20.00				
								NXB132N-480	20.21				
								NXB132N-485	20.42				
								NXB132N-490	20.64				
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent)	NXB144P-540 (540 Wp)	NXB132N-495	20.85	144 (Half Cut Cells)	1500		
								NXB132N-500	21.06				
								NXB144P-530	20.52				
								NXB144P-535	20.71				
								NXB144P-540	20.90				
NXB144P-545	21.10												
24	M/s. Luminous Power Technologies Pvt. Ltd. (Capacity Addition)	Plot No- CP-17 To CP-22, Sector-City Park, Luminous Plant, P.N.D.T IIE Sidcul, Pant Nagar, Rudrapur, Udham Singh Nagar - 263153, Uttarakhand, India	R- 83011410	564	i	Mono c-Si PERC Module	LUM 24570M (570 Wp)	NXB144P-555	21.48	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								NXB144P-560	21.68				
								LUM 24590M	21.11				
								LUM 24585M	20.93				
								LUM 24580M	20.75				
								LUM 24575M	20.57				
								LUM 24570M	20.39				
								LUM 24565M	20.21				
					LUM 24560M	20.03							
					ii	Mono c-Si PERC Module	LUM 24525M (525 Wp)	LUM 24555M	19.85	144 (Half Cut Cells)	1500		
LUM 24550M	21.28												
LUM 24545M	21.09												
LUM 24540M	20.89												
LUM 24535M	20.70												
LUM 24530M	20.51												
LUM 24525M	20.31												
LUM 24520M	20.12												
iii	Mono c-Si PERC Module	LUM 24475M (475 Wp)	LUM 24515M	19.93	132 (Half Cut Cells)	1500							
			LUM 24510M	19.73									
			LUM 24505M	19.54									
			LUM 24500M	19.34									
			LUM 24495M	20.85									
			LUM 24490M	20.64									
			LUM 24485M	20.43									
			LUM 24480M	20.22									
iv	Mono c-Si PERC Module	LUM 24430M (430 Wp)	LUM 24475M	20.01	120 (Half Cut Cells)	1500							
			LUM 24470M	19.80									
			LUM 24465M	19.59									
			LUM 24460M	19.38									
							LUM24455M	19.17					
							LUM 24450M	20.80					
							LUM 24445M	20.57					
							LUM 24440M	20.33					
							LUM 24435M	20.10					
							LUM 24430M	19.87					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
					v	Mono c-Si PERC Module	LUM 24385M (385 Wp)	LUM 24425M	19.64	108 (Half Cut Cells)	1500		
				LUM 24420M				19.41					
				LUM 24400M				20.48					
				LUM 24395M				20.23					
				LUM 24390M				19.97					
				LUM 24385M				19.71					
					vi	N type TOPCon Modules	LUM 24600T156 (600 Wp)	LUM 24630T156	22.54	156 (Half Cut Cells)	1500		
				LUM 24625T156				22.36					
				LUM 24620T156				22.18					
				LUM 24615T156				22.00					
				LUM 24610T156				21.82					
				LUM 24605T156				21.64					
				LUM 24600T156				21.46					
				LUM 24595T156				21.28					
				LUM 24590T156				21.11					
				LUM 24585T156				20.93					
				LUM 24580T156				20.75					
				LUM 24575T156				20.57					
				LUM 24570T156	20.39								
					vii	N type TOPCon Modules	LUM 24565T144 (565 Wp)	LUM 24590T144	22.83	144 (Half Cut Cells)	1500		
				LUM 24585T144				22.63					
				LUM 24580T144				22.44					
				LUM 24575T144				22.25					
				LUM 24570T144				22.05					
				LUM 24565T144				21.86					
				LUM 24560T144				21.67					
				LUM 24555T144				21.47					
				LUM 24550T144				21.28					
				LUM 24545T144				21.09					
				LUM 24540T144	20.89								
					viii	N type TOPCon Modules	LUM 24535T144 (535 Wp)	LUM 24535T144	20.70	144 (Half Cut Cells)	1500		
					ix	Bifacial N-TypeTOPCon Module (Glass to Glass)	LUM24540TG144 (540 Wp)	LUM 24540TG144	20.89	144 (Half Cut Cells)	1500		
					x	Bifacial N-TypeTOPCon Module (Glass to Glass)	LUM24540TG144 (570 Wp)	LUM 24545TG144	21.09	144 (Half Cut Cells)	1500		
				LUM 24550TG144				21.28					
				LUM 24555TG144				21.48					
				LUM 24560TG144				21.67					
				LUM 24565TG144				21.86					
				LUM 24570TG144				22.06					
				LUM 24575TG144				22.25					
				LUM 24580TG144				22.44					
				LUM 24585TG144				22.64					
				LUM 24590TG144				22.83					
				LUM 24595TG144				23.02					
				LUM 24570TG156				20.39					
				LUM 24575TG156	20.57								
				LUM 24580TG156	20.75								
				LUM 24585TG156	20.93								
				LUM 24590TG156	21.11								
				LUM 24595TG156	21.29								
				LUM 24600TG156	21.46								
				LUM 24605TG156	21.64								
				LUM 24610TG156	21.82								
				LUM 24615TG156	22.00								
				LUM 24620TG156	22.18								
				LUM 24625TG156	22.36								
				LUM 24630TG156	22.54								

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
					xii	Bifacial Mono c-Si PERC Module (Glass to Glass)	LUM24575MG (575Wp)	LUM 24560MG	20.03	156 (Half Cut Cells)	1500		
								LUM 24565MG	20.21				
								LUM 24570MG	20.39				
								LUM 24575MG	20.57				
								LUM 24580MG	20.75				
								LUM 24585MG	20.93				
					xiii	Bifacial Mono c-Si PERC Module (Glass to Glass)	LUM 24500MG (500 Wp)	LUM 24500MG	19.35	144(Half Cut Cells)	1500		
								LUM 24505MG	19.54	144 (Half Cut Cells)	1500		
					xiv	Bifacial Mono c-Si PERC Module (Glass to Glass)	LUM 24530MG (530 Wp)	LUM 24510MG	19.73				
								LUM 24515MG	19.93				
								LUM 24520MG	20.12				
								LUM 24525MG	20.31				
								LUM 24530MG	20.51				
								LUM 24535MG	20.70				
								LUM 24540MG	20.89				
								LUM 24545MG	21.09				
								LUM 24550MG	21.28				
								LUM 24555MG	21.48				
					xv	Bifacial Mono c-Si PERC Module (Glass to Glass)	LUM 24475MG (475 Wp)	LUM 24455MG	19.17	132 (Half Cut Cells)	1500		
								LUM 24460MG	19.38				
LUM 24465MG	19.59												
LUM 24470MG	19.80												
LUM 24475MG	20.01												
LUM 24480MG	20.22												
LUM 24485MG	20.43												
LUM 24490MG	20.64												
xvi	Bifacial Mono c- Si PERC Module (Glass to Glass)	LUM 24430MG (430 Wp)	LUM 24495MG	20.86	120 (Half Cut Cells)	1500							
			LUM 2415MG	19.18									
			LUM 24420MG	19.41									
			LUM 24425MG	19.64									
			LUM 24430MG	19.87									
			LUM 24435MG	20.10									
			LUM 24440MG	20.34									
			LUM 24445MG	20.57									
xvii	Bifacial Mono c- Si PERC Module (Glass to Glass)	LUM 24385MG (385 Wp)	LUM 24450MG	20.80	108 (Half Cut Cells)	1500							
			LUM 24375MG	19.20									
			LUM 24380MG	19.46									
			LUM 24385MG	19.72									
			LUM 24390MG	19.97									
			LUM 24395MG	20.23									
xviii	Mono c-Si PERC Module	AMS 24570M (570 Wp)	LUM 24400MG	20.48	156 (Half Cut Cells)	1500							
			AMS 24590M	21.11									
			AMS 24585M	20.93									
			AMS 24580M	20.75									
			AMS 24575M	20.57									
			AMS 24570M	20.39									
			AMS 24565M	20.21									
			AMS 24560M	20.03									
xix	Mono c-Si PERC Module	AMS 24530M (530 Wp)	AMS 24555M	19.85	144 (Half Cut Cells)	1500							
			AMS 24550M	21.28									
			AMS 24545M	21.09									
			AMS 24540M	20.89									
			AMS 24535M	20.70									
			AMS 24530M	20.51									
			AMS 24525M	20.31									
			AMS 24520M	20.12									
			AMS 24515M	19.93									
			AMS 24510M	19.74									
			AMS 24505M	19.54									
			AMS 24500M	19.35									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
					xx	Mono c-Si PERC Module	AMS 24475M (475 Wp)	AMS 24495M AMS 24490M AMS 24485M AMS 24480M AMS 24475M AMS 24470M AMS 24465M AMS24460M AMS24455M	20.85 20.64 20.43 20.22 20.01 19.80 19.59 19.38 19.17	132 (Half Cut Cells)	1500		
					xxi	Mono c-Si PERC Module	AMS 24430M (430 Wp)	AMS 24450M AMS 24445M AMS 24440M AMS 24435M AMS 24430M AMS 24425M AMS 24420M AMS 24415M	20.80 20.57 20.33 20.10 19.87 19.64 19.41 19.18	120 (Half Cut Cells)	1500		
					xxii	Mono c-Si PERC Module	AMS 24385M (385 Wp)	AMS 24400M AMS 24395M AMS 24390M AMS 24385M AMS 24380M AMS 24375M	20.48 20.23 19.97 19.71 19.46 19.20	108 (Half Cut Cells)	1500		
					xxiii	N type TOPCon Modules	AMS 24600T156 (600 Wp)	AMS 24630T156 AMS 24625T156 AMS 24620T156 AMS 24615T156 AMS 24610T156 AMS 24605T156 AMS 24600T156 AMS 24595T156 AMS 24590T156 AMS 24585T156 AMS 24580T156 AMS 24575T156 AMS 24570T156 AMS 24590T144 AMS 24585T144 AMS 24580T144 AMS 24575T144 AMS 24570T144	22.54 22.36 22.18 22.00 21.82 21.64 21.46 21.28 21.11 20.93 20.75 20.57 20.39 22.83 22.63 22.44 22.25 22.05	156 (Half Cut Cells)	1500		
					xxiv	N type TOPCon Modules	AMS 24560T144 (560 Wp)	AMS 24565T144 AMS 24560T144 AMS 24555T144 AMS 24550T144 AMS 24545T144 AMS 24540T144	21.86 21.67 21.47 21.28 21.09 20.89	144 (Half Cut Cells)	1500		
					xxv	N type TOPCon Modules	AMS 24535T144 (535 Wp)	AMS 24535T144	20.70	144 (Half Cut Cells)	1500		
					xxvi	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 24540TG144 (540 Wp)	AMS 24540TG144	20.89	144 (Half Cut Cells)	1500		
					xxvii	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 24570TG144 (570 Wp)	AMS 24545TG144 AMS 24550TG144 AMS 24555TG144 AMS 24560TG144 AMS 24565TG144 AMS 24570TG144 AMS 24575TG144 AMS 24580TG144 AMS 24585TG144	21.09 21.28 21.48 21.67 21.86 22.06 22.25 22.44 22.64	144 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
					xxviii	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 24600TG156 (600 Wp)	AMS 24590TG144	22.83	156 (Half Cut Cells)	1500		
								AMS 24595TG144	23.02				
								AMS 24570TG156	20.39				
								AMS 24575TG156	20.57				
								AMS 24580TG156	20.75				
								AMS 24585TG156	20.93				
								AMS 24590TG156	21.11				
								AMS 24595TG156	21.29				
								AMS 24600TG156	21.46				
								AMS 24605TG156	21.64				
								AMS 24610TG156	21.82				
								AMS 24615TG156	22.00				
					AMS 24620TG156	22.18							
					AMS 24625TG156	22.36							
					AMS 24630TG156	22.54							
					AMS 24560MG	20.03	156 (Half Cut Cells)	1500					
					AMS 24565MG	20.21							
					AMS 24570MG	20.39							
					AMS 24575MG	20.57							
					AMS 24580MG	20.75							
					AMS 24585MG	20.93							
					AMS 24590MG	21.11	144 (Half Cut Cells)	1500					
					AMS 24500MG	19.35							
					xxxi	Bifacial Mono c-Si PERC Module (Glass to Glass)	AMS 24530MG (530 Wp)	AMS 24505MG	19.54	144 (Half Cut Cells)	1500		
								AMS 24510MG	19.73				
								AMS 24515MG	19.93				
								AMS 24520MG	20.12				
								AMS 24525MG	20.31				
								AMS 24530MG	20.51				
								AMS 24535MG	20.70				
								AMS 24540MG	20.89				
								AMS 24545MG	21.09				
								AMS 24550MG	21.28				
					AMS 24555MG	21.48	132 (Half Cut Cells)	1500					
					AMS 24455MG	19.17							
					AMS 24460MG	19.38							
					AMS 24465MG	19.59							
					AMS 24470MG	19.80							
					AMS 24475MG	20.01							
					AMS 24480MG	20.22							
					AMS 24485MG	20.43							
					AMS 24490MG	20.64	120 (Half Cut Cells)	1500					
					AMS 24495MG	20.86							
					AMS 24415MG	19.18							
					AMS 24420MG	19.41							
					AMS 24425MG	19.64							
					AMS 24430MG	19.87							
					AMS 24435MG	20.10							
AMS 24440MG	20.34												
AMS 24445MG	20.57	108 (Half Cut Cells)	1500										
AMS 24450MG	20.80												
AMS 24375MG	19.20												
AMS 24380MG	19.46												
AMS 24385MG	19.72												
AMS 24390MG	19.97												
AMS 24395MG	20.23	36 (Half Cut Cells)	1500										
AMS 24400MG	20.48												
25	M/s. Amrut Energy Private Limited (New Addition in ALMM List)	Survey No. 69, Opp. Gangotri Hotel, Khatraj - Kalol Road, Khatra, Kalol, Gandhinagar -382721,	R-72006793	48	i	Mono c-Si PERC Module	AE36MM120 (120Wp)	AE36MM120	19.68	36 (Half Cut Cells)	1500	21.05.2025	20.05.2029
								AE108MM375	19.20				
								AE108MM380	19.46				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deemed to be delisted)	
												From	To
		Gujarat, India			ii	Mono c-Si PERC - Module	AE108MM385 (385Wp)	AE108MM385	19.72	108 (Half Cut Cells)	1500		
								AE108MM390	19.97				
								AE108MM395	20.23				
								AE108MM400	20.48				
					iii	Mono c-Si PERC - Module	AE120MM430 (430Wp)	AE120MM415	19.18	120 (Half Cut Cells)	1500		
								AE120MM420	19.41				
								AE120MM425	19.64				
								AE120MM430	19.87				
								AE120MM435	20.10				
								AE120MM440	20.34				
								AE120MM445	20.57				
								AE120MM450	20.80				
					iv	Mono c-Si PERC - Module	AE132MM475 (475Wp)	AE132MM455	19.17	132 (Half Cut Cells)	1500		
								AE132MM460	19.38				
								AE132MM465	19.59				
								AE132MM470	19.80				
								AE132MM475	20.01				
								AE132MM480	20.22				
								AE132MM485	20.43				
								AE132MM490	20.64				
v	Mono c-Si PERC - Module	AE144MM525 (475Wp)	AE132MM495	20.86	144 (Half Cut Cells)	1500							
			AE144MM500	19.36									
			AE144MM505	19.55									
			AE144MM510	19.74									
			AE144MM515	19.94									
			AE144MM520	20.13									
			AE144MM525	20.32									
			AE144MM530	20.52									
			AE144MM535	20.71									
			AE144MM540	20.90									
			AE144MM545	21.10									
			AE144MM550	21.29									
26	M/s. Waaree Energies Limited (Model Addition + Capacity Addition)	Survey No. 1934, 1939, 1941, 1942, NH-48, Degam, Chikhali, Navasari, Gujarat - 396530, India	R-72005533	9760	i	Bifacial N - Type TOPCon Module (Glass to Glass)	BiN-17-640 (640 Wp)	BiN-17-630	22.62	156 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								BiN-17-635	22.80				
BiN-17-640	22.98												
BiN-17-645	23.16												
ii	Bifacial N - Type TOPCon Module (Glass to Glass)	BiN-08-595 (595 Wp)	BiN-08-585	22.65	144 (Half Cut Cells)	1500							
			BiN-08-590	22.84									
			BiN-08-595	23.03									
			BiN-08-600	23.23									
27	M/s. Waaree Energies Limited (Model Addition + Change in Capacity)	Unit 2B, Survey No. 267, NH-48, Nandigram Village, Taluke Umbergaon, District Valsad, Gujarat 396105	R-72003085	1106	i	Bifacial N - Type TOPCon Module (Glass to Glass)	Bin-17-640 (640 Wp)	BiN-17-630	22.54	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								BiN-17-635	22.72				
BiN-17-640	22.90												
BiN-17-645	23.07												
ii	Bifacial N - Type TOPCon Module (Glass to Glass)	BiN-08-590 (590 Wp)	BiN-08-585	22.65	144 (Half Cut Cells)	1500							
			BiN-08-590	22.84									
			BiN-08-595	23.03									
			BiN-08-600	23.23									

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.

Dated: 21st April 2025

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

- Ref: (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR-Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023 and O.M. of even no. dated 22.03.2024 inter-alia directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	Application/ Use	Minimum Module Efficiency requirement for crystalline-Silicon technology based Solar PV Modules	Minimum Module Efficiency requirement for Cadmium Telluride Thin Film technology based Solar PV Modules
Category I	Utility / Grid Scale Power Plants	20.0%	19.00%
Category II	Rooftop and Solar Pumping	19.5%	18.50%
Category III	Solar Lighting	19.0%	18.00%

3. Post the O.M. dated 10.05.2023 and subsequent O.M. dated 22.03.2024, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 27.03.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XXXVII (in the format of additions / modifications to Revision-XXXVI) is enclosed at Annexure-I. The last revision no. XXXVI dated 27.03.2025 along with provisional enlistments therein is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registration.do?hmode=getLimsData

8. This issues with the approval of competent authority.



(Sanjay G. Karndhar)
Scientist-E

E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned

Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

A. Correction of errors in last revision of ALMM List-I dated 27.03.2025

There were some typographical errors in the last ALMM list published on 27.03.2025 and the same are hereby corrected as follows:

1. M/s. Australian Premium Solar (India) Pvt. Ltd - Typo Error corrected in Model numbers.

In. Sl. No. 40=> Sl.No. 07=> Enlisted model No. 2 may be read as **APSBF-550/144**

In. Sl. No. 40=> Sl.No. 14=> Enlisted model No. 1 may be read as **APSAM-550/144**

In. Sl. No. 40=> Sl.No. 14=> Enlisted model No. 2 may be read as **APSAM-555/144**

In. Sl. No. 40=> Sl.No. 14=> Enlisted model No. 3 may be read as **APSAM-560/144**

2. M/s. Solex Energy Limited - No. of cells updated as per the latest BIS test report

In. Sl. No. 42=> Sl.No. 42=> No. of cells in modules may be read as **33 (Half Cut Cells)**

3. M/s. Mundra Solar PV Limited - Typo error in Enlisted capacity corrected

In. Sl. No. 52=> Enlisted capacity may be read as 2125

4. M/s. H R Solar Solution Private Limited - Typo Error in Type of module corrected

In. Sl. No. 34 => Sl. No. 1 => Type of Module may be read as Mono c-Si PERC Module



B. New additions on 21.04.2025 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs/Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
1	M/s. Redren Energy Pvt. Ltd (Model Addition)	Survey No. 154/1, 154/2, Opposite Rangpar, Bus Stand, National Highway No. 27, Jalida, Wankaner, Morbi-363621, Gujarat, India	R-72001775	397	1	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-108HCBF400 (400 Wp)	RSM10MP-108HCBF380	19.44	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-108HCBF385	19.69				
								RSM10MP-108HCBF390	19.95				
								RSM10MP-108HCBF395	20.20				
								RSM10MP-108HCBF400	20.46				
								RSM10MP-108HCBF405	20.72				
								RSM10MP-108HCBF410	20.97				
								RSM10MP-108HCBF415	21.23				
								RSM10MP-108HCBF420	21.48				
								RSM10MP-120HCBF415	19.17				
					RSM10MP-120HCBF420	19.40							
					RSM10MP-120HCBF425	19.63							
					RSM10MP-120HCBF430	19.86							
					RSM10MP-120HCBF435	20.09							
					3	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-120HCBF450 (450 Wp)	RSM10MP-120HCBF440	20.33	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-120HCBF445	20.56				
								RSM10MP-120HCBF450	20.79				
								RSM10MP-120HCBF455	21.02				
								RSM10MP-120HCBF460	21.25				
					4	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-132HCBF465 (465 Wp)	RSM10MP-132HCBF455	19.16	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-132HCBF460	19.37				
								RSM10MP-132HCBF465	19.58				
								RSM10MP-132HCBF470	19.79				
								RSM10MP-132HCBF475	20.00				
					5	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-132HCBF495 (495 Wp)	RSM10MP-132HCBF480	20.21	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-132HCBF485	20.42				
								RSM10MP-132HCBF490	20.64				
								RSM10MP-132HCBF495	20.85				
								RSM10MP-132HCBF500	21.06				
					6	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-144HCBF510 (510 Wp)	RSM10MP-144HCBF495	19.16	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-144HCBF500	19.36				
								RSM10MP-144HCBF505	19.55				
								RSM10MP-144HCBF510	19.74				
								RSM10MP-144HCBF515	19.94				
					7	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-144HCBF540 (540 Wp)	RSM10MP-144HCBF525	20.32	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-144HCBF530	20.52				
								RSM10MP-144HCBF535	20.71				
								RSM10MP-144HCBF540	20.90				
								RSM10MP-144HCBF545	21.10				
					8	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-144-590 (590 Wp)	RSM10MP-144HCBF550	21.29	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RS-M10TC-144-610	23.61				
								RS-M10TC-144-605	23.42				
								RS-M10TC-144-600	23.23				
								RS-M10TC-144-595	23.03				
								RS-M10TC-144-590	22.84				
								RS-M10TC-144-585	22.65				
								RS-M10TC-144-580	22.45				
								RS-M10TC-144-575	22.26				
								RS-M10TC-144-570	22.07				
					9	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-144-560 (560 Wp)	RS-M10TC-144-565	21.87	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RS-M10TC-144-560	21.68				
								RS-M10TC-144-555	21.48				
								RS-M10TC-144-550	21.29				
					10	Bifacial N-Type TOPCon	RS-M10TC-132-550	RS-M10TC-132-560	23.58	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						Module (Glass to Glass)	(550 Wp)	RS-M10TC-132-555	23.37				
								RS-M10TC-132-550	23.16				
								RS-M10TC-132-545	22.95				
								RS-M10TC-132-540	22.74				
								RS-M10TC-132-535	22.53				
								RS-M10TC-132-530	22.32				
					11	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-132-520 (520 Wp)	RS-M10TC-132-525	22.11	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RS-M10TC-132-520	21.90					
							RS-M10TC-132-515	21.69					
							RS-M10TC-132-510	21.48					
								RS-M10TC-132-505	21.27				
					12	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-120-490 (490 Wp)	RS-M10TC-120-505	23.33	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RS-M10TC-120-500	23.10					
							RS-M10TC-120-495	22.87					
							RS-M10TC-120-490	22.63					
							RS-M10TC-120-485	22.40					
							RS-M10TC-120-480	22.17					
							RS-M10TC-120-475	21.94					
							RS-M10TC-120-470	21.71					
					13	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-120-460 (460 Wp)	RS-M10TC-120-465	21.48	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RS-M10TC-120-460	21.25					
							RS-M10TC-120-455	21.02					
					14	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-108-440 (440 Wp)	RS-M10TC-108-455	23.27	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RS-M10TC-108-450	23.02					
							RS-M10TC-108-445	22.76					
							RS-M10TC-108-440	22.51					
							RS-M10TC-108-435	22.25					
							RS-M10TC-108-430	21.99					
							RS-M10TC-108-425	21.74					
					15	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-108-415 (415 Wp)	RS-M10TC-108-420	21.48	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RS-M10TC-108-415	21.23					
							RS-M10TC-108-410	20.97					
					16	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-96-390 (390 Wp)	RS-M10TC-96-400	22.95	96 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RS-M10TC-96-395	22.66					
							RS-M10TC-96-390	22.38					
							RS-M10TC-96-385	22.09					
							RS-M10TC-96-380	21.80					
					17	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-96-370 (370 Wp)	RS-M10TC-96-375	21.52	96 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RS-M10TC-96-370	21.23					
							RS-M10TC-96-365	20.94					
							RS-M10TC-96-360	20.65					
					18	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-84-340 (340 Wp)	RS-M10TC-84-350	22.83	84 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RS-M10TC-84-345	22.50					
							RS-M10TC-84-340	22.18					
							RS-M10TC-84-335	21.85					
							RS-M10TC-84-330	21.52					
					19	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-84-320 (320 Wp)	RS-M10TC-84-325	21.20	84 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RS-M10TC-84-320	20.87					
							RS-M10TC-84-315	20.55					
					20	N-Type TOPCon Module	RSM10CTC144-590 (590 Wp)	RSM10CTC144-610	23.61	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10CTC144-605	23.42					
							RSM10CTC144-600	23.23					
							RSM10CTC144-595	23.03					
							RSM10CTC144-590	22.84					
							RSM10CTC144-585	22.65					
							RSM10CTC144-580	22.45					
							RSM10CTC144-575	22.26					
							RSM10CTC144-570	22.07					
					21	N-Type TOPCon Module	RSM10CTC144-560	RSM10CTC144-565	21.87				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
							(560 Wp)	RSM10CTC144-560	21.68				
								RSM10CTC144-555	21.48				
								RSM10CTC144-550	21.29				
					22	N-Type TOPCon Module	RSM10CTC132-550 (550 Wp)	RSM10CTC132-560	23.58	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10CTC132-555	23.37					
							RSM10CTC132-550	23.16					
							RSM10CTC132-545	22.95					
							RSM10CTC132-540	22.74					
							RSM10CTC132-535	22.53					
							RSM10CTC132-530	22.32					
					23	N-Type TOPCon Module	RSM10CTC132-520 (520 Wp)	RSM10CTC132-525	22.11	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10CTC132-520	21.90					
							RSM10CTC132-515	21.69					
							RSM10CTC132-510	21.48					
							RSM10CTC132-505	21.27					
					24	N-Type TOPCon Module	RSM10CTC120-490 (490 Wp)	RSM10CTC120-505	23.33	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10CTC120-500	23.10					
							RSM10CTC120-495	22.87					
							RSM10CTC120-490	22.63					
							RSM10CTC120-485	22.40					
							RSM10CTC120-480	22.17					
							RSM10CTC120-475	21.94					
							RSM10CTC120-470	21.71					
					25	N-Type TOPCon Module	RSM10CTC120-460 (460 Wp)	RSM10CTC120-465	21.48	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10CTC120-460	21.25					
							RSM10CTC120-455	21.02					
					26	N-Type TOPCon Module	RSM10CTC108-440 (440 Wp)	RSM10CTC108-455	23.27	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10CTC108-450	23.02					
							RSM10CTC108-445	22.76					
							RSM10CTC108-440	22.51					
							RSM10CTC108-435	22.25					
							RSM10CTC108-430	21.99					
							RSM10CTC108-425	21.74					
					27	N-Type TOPCon Module	RSM10CTC108-415 (415 Wp)	RSM10CTC108-420	21.48	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10CTC108-415	21.23					
							RSM10CTC108-410	20.97					
					28	N-Type TOPCon Module	RSM10CTC96-390 (390 Wp)	RSM10CTC96-400	22.95	96 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10CTC96-395	22.66					
							RSM10CTC96-390	22.38					
							RSM10CTC96-385	22.09					
							RSM10CTC96-380	21.80					
					29	N-Type TOPCon Module	RSM10CTC96-370 (370 Wp)	RSM10CTC96-375	21.52	96 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10CTC96-370	21.23					
							RSM10CTC96-365	20.94					
							RSM10CTC96-360	20.65					
					30	N-Type TOPCon Module	RSM10CTC84-340 (340 Wp)	RSM10CTC84-350	22.83	84 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10CTC84-345	22.50					
							RSM10CTC84-340	22.18					
							RSM10CTC84-335	21.85					
							RSM10CTC84-330	21.52					
					31	N-Type TOPCon Module	RSM10CTC84-320 (320 Wp)	RSM10CTC84-325	21.20	84 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10CTC84-320	20.87					
							RSM10CTC84-315	20.55					
					32	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC144-590 (590 Wp)	RSM10BTC144-610	23.61	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10BTC144-605	23.42					
							RSM10BTC144-600	23.23					
							RSM10BTC144-595	23.03					
							RSM10BTC144-590	22.84					
							RSM10BTC144-585	22.65					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								RSM10BTC144-580	22.45				
								RSM10BTC144-575	22.26				
								RSM10BTC144-570	22.07				
					33	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC144-560 (560 Wp)	RSM10BTC144-565	21.87	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10BTC144-560	21.68					
							RSM10BTC144-555	21.48					
							RSM10BTC144-550	21.29					
					34	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC132-550 (550 Wp)	RSM10BTC132-560	23.58	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10BTC132-555	23.37					
							RSM10BTC132-550	23.16					
							RSM10BTC132-545	22.95					
							RSM10BTC132-540	22.74					
							RSM10BTC132-535	22.53					
							RSM10BTC132-530	22.32					
					35	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC132-520 (520 Wp)	RSM10BTC132-525	22.11	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10BTC132-520	21.90					
							RSM10BTC132-515	21.69					
							RSM10BTC132-510	21.48					
							RSM10BTC132-505	21.27					
					36	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC120-490 (490 Wp)	RSM10BTC120-505	23.33	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10BTC120-500	23.10					
							RSM10BTC120-495	22.87					
							RSM10BTC120-490	22.63					
							RSM10BTC120-485	22.40					
							RSM10BTC120-480	22.17					
							RSM10BTC120-475	21.94					
							RSM10BTC120-470	21.71					
					37	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC120-460 (460 Wp)	RSM10BTC120-465	21.48	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10BTC120-460	21.25					
							RSM10BTC120-455	21.02					
					38	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC108-440 (440 Wp)	RSM10BTC108-455	23.27	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10BTC108-450	23.02					
							RSM10BTC108-445	22.76					
							RSM10BTC108-440	22.51					
							RSM10BTC108-435	22.25					
							RSM10BTC108-430	21.99					
							RSM10BTC108-425	21.74					
					39	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC108-415 (415 Wp)	RSM10BTC108-420	21.48	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10BTC108-415	21.23					
							RSM10BTC108-410	20.97					
					40	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC96-390 (390 Wp)	RSM10BTC96-400	22.95	96 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10BTC96-395	22.66					
							RSM10BTC96-390	22.38					
							RSM10BTC96-385	22.09					
							RSM10BTC96-380	21.80					
					41	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC96-370 (370 Wp)	RSM10BTC96-375	21.52	96 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10BTC96-370	21.23					
							RSM10BTC96-365	20.94					
							RSM10BTC96-360	20.65					
					42	Bifacial N-Type TOPCon Module (Glass to Transparent	RSM10BTC84-345 (345 Wp)	RSM10BTC84-350	22.83	84 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10BTC84-345	22.50					
							RSM10BTC84-340	22.18					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity					
												From	To (subject to valid BIS Registration; else deemed to be delisted)				
					6	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	DESERV EXTREME-485 (485 Wp)	DESERV EXTREME-445	22.72	120 (Half Cut Cells)	1500	18.08.2024	17.08.2028				
								DESERV EXTREME-450	22.97								
								DESERV EXTREME-465	21.44								
								DESERV EXTREME-470	21.67								
								DESERV EXTREME-475	21.90								
								DESERV EXTREME-480	22.13								
								DESERV EXTREME-485	22.37								
								DESERV EXTREME-490	22.60								
								DESERV EXTREME-495	22.83								
								DESERV EXTREME-500	23.06								
								DESERV EXTREME-565	21.90								
								DESERV EXTREME-570	22.09								
					7	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	DESERV EXTREME-585 (585 Wp)	DESERV EXTREME-575	22.29	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028				
								DESERV EXTREME-580	22.48								
								DESERV EXTREME-585	22.68								
								DESERV EXTREME-590	22.87								
								DESERV EXTREME-595	23.06								
								DESERV EXTREME-600	23.26								
								DESERV EXTREME-615	22.05								
								DESERV EXTREME-620	22.23								
					8	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	DESERV EXTREME-635 (635 Wp)	DESERV EXTREME-625	22.41	156 (Half Cut Cells)	1500	18.08.2024	17.08.2028				
								DESERV EXTREME-630	22.59								
								DESERV EXTREME-635	22.76								
								DESERV EXTREME-640	22.94								
								DESERV EXTREME-645	23.12								
								DESERV EXTREME-650	23.30								
								ISEN600-Bi	21.47					156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ISEN595-Bi	21.29								
					ISEN590-Bi	21.12											
					ISEN585-Bi	20.94											
					ISEN580-Bi	20.76											
					ISEN575-Bi	20.58											
					ISEN570-Bi	20.40											
					ISEN565-Bi	20.22											
					ISEN560-Bi	20.04											
					ISEN555-Bi	21.48	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028							
ISEN550-Bi	21.29																
ISEN545-Bi	21.10																
ISEN540-Bi	20.90																
ISEN535-Bi	20.71																
ISEN530-Bi	20.52																
ISEN525-Bi	20.32																
ISEN520-Bi	20.13																
3	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ISEN490-Bi (490 Wp)	ISEN505-Bi	21.27	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028									
			ISEN500-Bi	21.06													
			ISEN495-Bi	20.85													
			ISEN490-Bi	20.64													
			ISEN485-Bi	20.42													
			ISEN480-Bi	20.21													
4	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ISEN440-Bi (440 Wp)	ISEN460-Bi	21.26	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028									
			ISEN455-Bi	21.03													
			ISEN450-Bi	20.80													
			ISEN445-Bi	20.57													
			ISEN440-Bi	20.34													
			ISEN435-Bi	20.10													
			ISEN430-Bi	19.87													
			ISEN425-Bi	19.64													
			ISEN420-Bi	19.41													
			ISEN410-Bi	21.00					108 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
5	Bifacial Mono c-Si PERC	ISEN395-Bi	ISEN410-Bi	21.00	108 (Half Cut Cells)	1500	24.02.2024	23.02.2028									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity								
												From	To (subject to valid BIS Registration; else deemed to be delisted)							
						Module (Glass to Transparent Backsheet)	(395 Wp)	ISEN405-Bi ISEN400-Bi ISEN395-Bi ISEN390-Bi ISEN385-Bi ISEN380-Bi	20.74 20.48 20.23 19.97 19.72 19.46											
5	M/s. TP Solar Limited (Model Addition)	Plot No. A 109, Near Elcot Road, TP Solar Limited, Sipcot Road and OSR Park, Gangaikondan Road, Sipcot Industrial Park, Gangaikondan Industrial Park, Tirunelveli, Tamil Nadu-627352	R-61004146	5222	1	Mono c-Si PERC Module	TP495VG10 (495 Wp)	TP505VG10	21.07	132 (Half Cut Cells)	1500	22.03.2024	21.03.2028							
								TP500VG10	20.86											
								TP495VG10	20.65											
								TP490VG10	20.44											
								TP485VG10	20.23											
								TP480VG10	20.02											
					2	Mono c-Si PERC Module	TP470VG10 (470Wp)	TP475VG10	19.81	132 (Half Cut Cells)	1500	22.03.2024	21.03.2028							
								TP470VG10	19.61											
								TP465VG10	19.40											
								TP460VG10	19.19											
								3	Mono c-Si PERC Module					TP545HG10 (545 Wp)	TP555HG10	21.48	144 (Half Cut Cells)	1500	22.03.2024	21.03.2028
															TP550HG10	21.29				
					TP545HG10	21.10														
					TP540HG10	20.90														
					TP535HG10	20.71														
					TP530HG10	20.52														
					4	Mono c-Si PERC Module	TP510HG10 (510 Wp)	TP525HG10	20.32	144 (Half Cut Cells)	1500	22.03.2024	21.03.2028							
								TP520HG10	20.13											
								TP515HG10	19.94											
								TP510HG10	19.74											
								TP505HG10	19.55											
								TP500HG10	19.36											
					5	Mono c-Si PERC Module	TP575LG10 (575 Wp)	TP600LG10	21.54	156 (Half Cut Cells)	1500	22.03.2024	21.03.2028							
								TP595LG10	21.36											
								TP590LG10	21.18											
								TP585LG10	21.00											
								TP580LG10	20.83											
								TP575LG10	20.65											
TP570LG10	20.47																			
TP565LG10	20.29																			
TP560LG10	20.11																			
TP555LG10	19.93																			
6	Mono c-Si PERC Module	TP455MG10 (455 Wp)	TP465MG10	21.27				120 (Half Cut Cells)	1500					22.03.2024	21.03.2028					
			TP460MG10	21.04																
			TP455MG10	20.81																
			TP450MG10	20.58																
			TP445MG10	20.35																
7	Mono c-Si PERC Module	TP430MG10 (430 Wp)	TP440MG10	20.12	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028												
			TP435MG10	19.90																
			TP430MG10	19.67																
			TP425MG10	19.44																
			TP420MG10	19.21																
			6	M/s. FS Green Energies Private Limited (Model Addition)					Block No. 160 - 164, 168 Besides Act Agro Chem Pvt. Ltd., Juni Jithardi Road, Near Karjan Cross Road, NH - 8, Vadodara-391240, Gujarat, India	R-72011258	644	1	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.156G-660 (660 Wp)	FST-M10.156G-680	24.33	156 (Half Cut Cell)	1500	28.10.2024	27.10.2028
FST-M10.156G-675	24.15																			
FST-M10.156G-670	23.97																			
FST-M10.156G-665	23.79																			
FST-M10.156G-660	23.61																			
FST-M10.156G-655	23.43																			
FST-M10.156G-650	23.25																			
FST-M10.156G-645	23.07																			
FST-M10.156G-640	22.90																			
FST-M10.156G-635	22.72																			

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity								
												From	To (subject to valid BIS Registration; else deemed to be delisted)							
					2	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.144G-605 (605 Wp)	FST-M10. 144G-625	24.19	144 (Half Cut Cell)	1500	28.10.2024	27.10.2028							
								FST-M10. 144G-620	24.00											
								FST-M10. 144G-615	23.81											
								FST-M10. 144G-610	23.61											
								FST-M10. 144G-605	23.42											
								FST-M10. 144G-600	23.23											
								FST-M10. 144G-595	23.03											
								FST-M10. 144G-590	22.84											
					3	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.132G-555 (555 Wp)	FST-M10. 144G-585	22.65	132 (Half Cut Cell)	1500	28.10.2024	27.10.2028							
								FST-M10. 132G-575	24.23											
								FST-M10. 132G-570	24.02											
								FST-M10. 132G-565	23.80											
								FST-M10. 132G-560	23.59											
								FST-M10. 132G-555	23.38											
								FST-M10. 132G-550	23.17											
								FST-M10. 132G-545	22.96											
					4	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.120G-505 (505 Wp)	FST-M10. 132G-540	22.75	120 (Half Cut Cell)	1500	28.10.2024	27.10.2028							
								FST-M10. 132G-535	22.54											
								FST-M10. 120G-520	24.03											
								FST-M10. 120G-515	23.80											
								FST-M10. 120G-510	23.57											
								FST-M10. 120G-505	23.34											
								FST-M10. 120G-500	23.11											
								FST-M10. 120G-495	22.88											
					5	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.108G-455 (455 Wp)	FST-M10. 120G-490	22.65	108 (Half Cut Cell)	1500	28.10.2024	27.10.2028							
								FST-M10. 120G-485	22.42											
								FST-M10. 108G-470	24.05											
								FST-M10. 108G-465	23.80											
								FST-M10. 108G-460	23.54											
								FST-M10. 108G-455	23.29											
								FST-M10. 108G-450	23.03											
								FST-M10. 108G-445	22.78											
					7	M/s. Credence Solar Panels Private Limited (Renewal and Model Addition)	Plot no 18 and 19, Survey No 142/2, Rajkot-Jamnagar highway, Padadhari, Rajkot, Gujarat, India- 360110	R-72006165	495	1	Mono c-Si PERC Module	CS-QU650-132 (650Wp)	CS-QU620-132	19.96	132 (Half Cut Cells)	1500	21.04.2025	20.04.2029		
													CS-QU625-132	20.12						
													CS-QU630-132	20.28						
													CS-QU635-132	20.44						
CS-QU640-132	20.60																			
CS-QU645-132	20.76																			
CS-QU650-132	20.92																			
CS-QU655-132	21.09																			
CS-QU660-132	21.25																			
CS-QU665-132	21.41																			
CS-QU670-132	21.57																			
2	Mono c-Si PERC Module	CS-QU575-120 (575Wp)	CS-QU550-120	19.42									120 (Half Cut Cells)	1500						
			CS-QU555-120	19.60																
			CS-QU560-120	19.78																
			CS-QU565-120	19.95																
			CS-QU570-120	20.13																
			CS-QU575-120	20.31																
3	Mono c-Si PERC Module	CS-QU525-110 (525Wp)	CS-QU580-120	20.48									110 (Half Cut Cells)	1500						
			CS-QU585-120	20.66																
			CS-QU590-120	20.84																
			CS-QU500-110	19.14																
			CS-QU505-110	19.33																
			CS-QU510-110	19.52																
CS-QU515-110	19.71																			

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								CS-QU520-110	19.90				
								CS-QU525-110	20.09				
								CS-QU530-110	20.28				
								CS-QU535-110	20.48				
								CS-QU540-110	20.67				
					4	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB650-132 (650Wp)	CS-QB620-132	19.96	132 (Half Cut Cells)	1500		
							CS-QB625-132	20.12					
							CS-QB630-132	20.28					
							CS-QB635-132	20.44					
							CS-QB640-132	20.60					
							CS-QB645-132	20.76					
							CS-QB650-132	20.92					
					5	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB575-120 (575Wp)	CS-QB550-120	19.42	120 (Half Cut Cells)	1500		
							CS-QB555-120	19.60					
							CS-QB560-120	19.78					
							CS-QB565-120	19.95					
							CS-QB570-120	20.13					
							CS-QB575-120	20.31					
							CS-QB580-120	20.48					
							CS-QB585-120	20.66					
							CS-QB590-120	20.84					
					6	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB525-110 (525Wp)	CS-QB500-110	19.14	110 (Half Cut Cells)	1500		
							CS-QB505-110	19.33					
							CS-QB510-110	19.52					
							CS-QB515-110	19.71					
							CS-QB520-110	19.90					
							CS-QB525-110	20.09					
							CS-QB530-110	20.28					
							CS-QB535-110	20.48					
							CS-QB540-110	20.67					
							CS-QB545-110	20.86					
					7	Mono c-Si PERC Module (Glass to Backsheet)	CS-HN525-144 (525Wp)	CS-HN500-144	19.50	144 (Half Cut Cells)	1500		
							CS-HN505-144	19.70					
							CS-HN510-144	19.89					
							CS-HN515-144	20.09					
							CS-HN520-144	20.28					
							CS-HN525-144	20.48					
							CS-HN530-144	20.67					
							CS-HN535-144	20.87					
							CS-HN540-144	21.06					
							CS-HN545-144	21.26					
							CS-HN550-144	21.45					
							CS-HN555-144	21.65					
					8	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB670-132 (670Wp)	CS-QB655-132	21.09			132 (Half Cut Cells)	1500
							CS-QB660-132	21.25					
							CS-QB665-132	21.41					
							CS-QB670-132	21.57					
							CS-QB675-132	21.73					
							CS-QB680-132	21.89					
							CS-QB685-132	22.05					
					9	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB610-120 (610Wp)	CS-QB595-120	21.01	120 (Half Cut Cells)	1500		
							CS-QB600-120	21.19					
							CS-QB605-120	21.37					
							CS-QB610-120	21.54					
							CS-QB615-120	21.72					
							CS-QB620-120	21.90					
					10	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB560-110 (560Wp)	CS-QB545-110	20.86	110 (Half Cut Cells)	1500		
							CS-QB550-110	21.05					
							CS-QB555-110	21.24					
							CS-QB560-110	21.43					
							CS-QB565-110	21.62					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					11	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-HB570-156 (570Wp)	CS-QB570-110 CS-HB545-156 CS-HB550-156 CS-HB555-156 CS-HB560-156 CS-HB565-156 CS-HB570-156 CS-HB575-156 CS-HB580-156 CS-HB585-156 CS-HB590-156 CS-HB595-156	21.82 19.49 19.67 19.85 20.03 20.20 20.38 20.56 20.74 20.92 21.10 21.28	156 (Half Cut Cells)	1500		
					12	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-HB530-144 (530Wp)	CS-HB505-144 CS-HB510-144 CS-HB515-144 CS-HB520-144 CS-HB525-144 CS-HB530-144 CS-HB535-144 CS-HB540-144 CS-HB545-144 CS-HB550-144	19.70 19.89 20.09 20.28 20.48 20.67 20.87 21.06 21.26 21.45	144 (Half Cut Cells)	1500		
					13	Bifacial N Type TOPCon Module (Glass to Glass)	CS-HBT580-144 (580Wp)	CS-HBT560-144 CS-HBT565-144 CS-HBT570-144 CS-HBT575-144 CS-HBT580-144 CS-HBT585-144 CS-HBT590-144 CS-HBT595-144 CS-HBT600-144	21.68 21.87 22.07 22.26 22.45 22.65 22.84 23.03 23.23	144 (Half Cut Cells)	1500		
					14	Bifacial N Type TOPCon Module (Glass to Glass)	CS-HBT625-156 (625Wp)	CS-HBT610-156 CS-HBT615-156 CS-HBT620-156 CS-HBT625-156 CS-HBT630-156 CS-HBT635-156 CS-HBT640-156	21.81 21.99 22.17 22.35 22.53 22.71 22.89	156 (Half Cut Cells)	1500		
					15	Mono c-Si PERC Module	CS-QU685-132 (685Wp)	CS-QU675-132 CS-QU680-132 CS-QU685-132 CS-QU690-132 CS-QU695-132 CS-QU700-132	21.73 21.89 22.05 22.21 22.37 22.53	132 (Half Cut Cells)	1500		
					16	Mono c-Si PERC Module	CS-QU625-120 (625Wp)	CS-QU610-120 CS-QU615-120 CS-QU620-120 CS-QU625-120 CS-QU630-120 CS-QU635-120	21.54 21.72 21.90 22.07 22.25 22.43	120 (Half Cut Cells)	1500		
					17	Mono c-Si PERC Module	CS-QU570-110 (570Wp)	CS-QU560-110 CS-QU565-110 CS-QU570-110 CS-QU575-110 CS-QU580-110	21.43 21.62 21.82 22.01 22.20	110 (Half Cut Cells)	1500		
					18	Bifacial N Type TOPCon Module (Glass to Glass)	CS-QBT695-132 (695Wp)	CS-QBT710-132 CS-QBT705-132 CS-QBT700-132 CS-QBT695-132	22.86 22.70 22.53 22.37	132 (Half Cut Cells) 18BB (210*210 mm)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity		
												From	To (subject to valid BIS Registration; else deemed to be delisted)	
								CS-QBT690-132	22.21					
								CS-QBT685-132	22.05					
								CS-QBT680-132	21.89					
					19	Bifacial N Type TOPCon Module (Glass to Glass)	CS-QBT630-120 (630Wp)	CS-QBT645-120	22.78	120 (Half Cut Cells) 18BB (210*210 mm)	1500			
							CS-QBT640-120	22.60						
							CS-QBT635-120	22.43						
							CS-QBT630-120	22.25						
							CS-QBT625-120	22.07						
							CS-QBT620-120	21.90						
							CS-QBT590-110	22.58						
					20	Bifacial N Type TOPCon Module (Glass to Glass)	CS-QBT575-110 (575Wp)	CS-QBT585-110	22.39	110 (Half Cut Cells) 18BB (210*210 mm)	1500			
							CS-QBT580-110	22.20						
							CS-QBT575-110	22.01						
							CS-QBT570-110	21.82						
							CS-QBT565-110	21.62						
							SS132C480M	20.21						
							SS132C485M	20.42						
8	M/s. Sunify Solar LLP (Renewal)	Survey no. 624P1, Near Hanuman Temple, Sarvad, Pipaliya Maliya Highway, Chachavadarda road, Morbi, Gujarat, India-363660	R-72005800	152	1	Mono c-Si PERC Module	SS132C490M (490 Wp)	SS132C490M	20.64	132 (Half Cut Cell)	1500	21.04.2025	20.04.2029	
							SS132C495M	20.85						
							SS132C500M	21.06						
							SS144C505M	19.55						
							SS144C510M	19.74						
					2	Mono c-Si PERC Module	SS144C510M (510Wp)	SS144C515M	19.94	144 (Half Cut Cell)	1500			
							SS144C520M	20.13						
							SS144C525M	20.32						
							SS144C530M	20.52						
							SS144C535M	20.71						
							SS144C540M	20.90						
							SS144C545M	21.10						
							SS144C550M	21.29						
							SS144C555M	21.48						
							SS144C560M	21.68						
					3	Mono c-Si PERC Module	SS144C535M (535Wp)	SS156C565M	20.21	156 (Half cut cell)	1500			
							SS156C570M	20.39						
							SS156C575M	20.57						
							SS156C580M	20.75						
							SS156C585M	20.93						
					4	Mono c-Si PERC Module	SS156C565M (565Wp)	W5500-GTB-MP535 (535 Wp)	W5500-GTB-MP550	21.32	144 (Half Cut Cells)	1500	21.04.2025	20.04.2029
							W5500-GTB-MP545	21.13						
							W5500-GTB-MP540	20.94						
							W5500-GTB-MP535	20.75						
							W5500-GTB-MP530	20.55						
							W5500-GTB-MP525	20.36						
							W5500-GTB-MP520	20.13						
							W5500-GTB-MP515	19.94						
							W5500-GTB-MP510	19.74						
							W5500-GTB-MP505	19.55						
					2	Mono c-Si PERC Module	W5500-GTB-MP505 (505 Wp)	W5500-GTB-MP500	19.36	144 (Half Cut Cells)	1500			
							W5500-GTB-MP495	19.16						
							W5000-GTB-MP505	21.26						
							W5000-GTB-MP500	21.05						
							W5000-GTB-MP495	20.84						
					3	Mono c-Si PERC Module	W5000-GTB-MP495 (495 Wp)	W5000-GTB-MP490	20.63	132 (Half Cut Cells)	1500			
							W5000-GTB-MP485	20.42						
							W5000-GTB-MP480	20.21						
							W5000-GTB-MP475	20.00						
							W5000-GTB-MP470	19.79						
					4	Mono c-Si PERC Module	W5000-GTB-MP465 (465 Wp)	W5000-GTB-MP465	19.58	132 (Half Cut Cells)	1500			
							W5000-GTB-MP460	19.37						

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					5	Mono c-Si PERC Module	W4600-GTB-MP450 (450 Wp)	W5000-GTB-MP455 W4600-GTB-MP460 W4600-GTB-MP455 W4600-GTB-MP450 W4600-GTB-MP445 W4600-GTB-MP440	19.16 21.28 21.05 20.81 20.58 20.35	120 (Half Cut Cells)	1500		
					6	Mono c-Si PERC Module	W4600-GTB-MP425 (425 Wp)	W4600-GTB-MP435 W4600-GTB-MP430 W4600-GTB-MP425 W4600-GTB-MP420 W4600-GTB-MP415	20.12 19.89 19.66 19.43 19.20	120 (Half Cut Cells)	1500		
10	M/s. Ankur Traders & Engineers Private Limited (Renewal)	D-130, B.S. Road, Industrial Area, Ghaziabad - 201009, Uttar Pradesh	R-93009695	54	1	Mono PERC C-Si Module	ASM585(585 Wp)	ASM560 ASM565 ASM570 ASM575 ASM580 ASM585	20.03 20.21 20.39 20.57 20.75 20.93	156 (Half Cut Cells)	1500	21.04.2025	20.04.2029
					2	Mono PERC C-Si Module	ASM530 (530 Wp)	ASM505 ASM510 ASM515 ASM520 ASM525 ASM530 ASM535 ASM540 ASM545 ASM550	19.55 19.74 19.94 20.13 20.32 20.52 20.71 20.90 21.09 21.29	144 (Half Cut Cells)	1500		
					3	Mono PERC C-Si Module	ASM480 (480 Wp)	ASM500 ASM495 ASM490 ASM485 ASM480 ASM475 ASM470 ASM465 ASM460	21.07 20.85 20.64 20.43 20.22 20.01 19.80 19.59 19.38	132 (Half Cut Cells)	1500		
					4	Mono PERC C-Si Module	ASM430 (430 Wp)	ASM450 ASM445 ASM440 ASM435 ASM430 ASM425 ASM420 ASM415	20.79 20.57 20.33 20.10 19.87 19.64 19.41 19.18	120 (Half Cut Cells)	1500		
					5	Mono PERC C-Si Module	ASM260 (260 Wp)	ASM255 ASM260 ASM265 ASM270	19.25 19.62 20.00 20.38	72 (Half Cut Cells)	1500		
					6	Mono PERC C-Si Module	ASM130 (130 Wp)	ASM130 ASM135	19.12 19.86	36 (Half Cut Cells)	1500		
11	M/s. Fujiyama Power Systems Private Limited (Renewal + Model Addition)	Plot No. 51,52 Sector- Ecotech-1, Ecotech Extn-1, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, India	R-93022209	355	1	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	UTL660-132BM (660 Wp)	UTL670-132BM UTL665-132BM UTL660-132BM UTL655-132BM UTL650-132BM	21.30 21.14 20.99 20.83 20.67	132 (Half Cut Cell)	1500	21.04.2025	20.04.2029
					2	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	UTL360-72BM (360 Wp)	UTL365-72BM UTL360-72BM UTL355-72BM	20.83 20.54 20.26	72 (Half Cut Cell)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						Backsheet)		UTL350-72BM	19.97				
					3	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	UTL345-68BM (345 Wp)	UTL345-68BM UTL340-68BM	20.85 20.54	68 (Half Cut Cell)	1500		
					4	Bifacial N-type TOPCon Module (Glass to Transparent Backsheet)	UTL575-144BT (575 Wp)	UTL590-144BT UTL585-144BT UTL580-144BT UTL575-144BT UTL570-144BT UTL560-144BT UTL555-144BT UTL550-144BT	22.87 22.68 22.48 22.29 22.09 21.71 21.51 21.32	144 (Half Cut Cell)	1500		
					5	Bifacial N-type TOPCon Module (Glass to Transparent Backsheet)	UTL525-132BT (525 Wp)	UTL525-132BT	22.14	132 (Half Cut Cell)	1500		
					6	Bifacial N-type TOPCon Module (Glass to Glass)	UTL575-144GT (575 Wp)	UTL590-144GT UTL585-144GT UTL580-144GT UTL575-144GT UTL570-144GT UTL560-144GT UTL550-144GT	22.87 22.68 22.48 22.29 22.09 21.71 21.32	144 (Half Cut Cell)	1500		
					7	Mono c-Si PERC Modules	UTL530-72M (530 Wp)	UTL540-72M UTL535-72M UTL530-72M UTL525-72M UTL520-72M	20.75 20.55 20.35 20.15 20.00	72 (Full Cell)	1500		
					8	Mono c-Si PERC Modules	UTL530-144M (530 Wp)	UTL540-144M UTL535-144M UTL530-144M UTL525-144M UTL520-144M	20.75 20.55 20.35 20.15 20.00	144 (Half Cut Cell)	1500		
					9	Mono c-Si PERC Modules	UTL435-72M (435 Wp)	UTL440-72M UTL435-72M UTL430-72M UTL425-72M	20.20 19.97 19.78 19.51	72 (Full Cell)	1500		
					10	Mono c-Si PERC Modules	UTL435-144M (435 Wp)	UTL440-144M UTL435-144M UTL430-144M UTL425-144M	20.20 19.97 19.78 19.51	144 (Half Cut Cell)	1500		
					11	Mono c-Si PERC Modules	UTL395-72MI (395 Wp)	UTL400-72MI UTL395-72MI UTL385-72MI UTL380-72MI	20.06 19.80 19.30 19.05	72 (Full Cell)	1500		
					12	Mono c-Si PERC Modules	UTL395-72M (395 Wp)	UTL400-72M UTL395-72M UTL390-72M UTL385-72M UTL380-72M	20.06 19.80 19.55 19.30 19.05	72 (Full Cell)	1500		
					13	Mono c-Si PERC Modules	UTL195-36MI (195 Wp)	UTL200-36MI UTL195-36MI	19.70 19.20	36 (Full Cell)	1500		
					14	Mono c-Si PERC	UTL200-36M	UTL205-36M	20.20	36 (Full Cell)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						Modules	(200 Wp)	UTL200-36M	19.70				
								UTL195-36M	19.20				
12	M/s. Aatmanirbhar Solar Pvt. Ltd. (Renewal)	Survey no 192, Dudhathal, Kheda, Gujarat - 387620, India	R-72005940	158	1	Mono c-Si PERC Module	ASPL380MP72 (380 Wp)	ASPL380MP72	19.13	72 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								ASPL385MP72	19.39				
								ASPL390MP72	19.64				
								ASPL395MP72	19.89				
					2	Mono c-Si PERC Module	ASPL405MP108 (405 Wp)	ASPL390MP108	19.97	108 (Half Cut Cells)	1500		
								ASPL395MP108	20.23				
								ASPL400MP108	20.48				
								ASPL405MP108	20.74				
								ASPL410MP108	21.00				
								ASPL415MP108	21.25				
					3	Mono c-Si PERC Module	ASPL535MP144 (535 Wp)	ASPL525MP144	20.32	144 (Half Cut Cells)	1500		
								ASPL530MP144	20.52				
								ASPL535MP144	20.71				
								ASPL540MP144	20.90				
								ASPL545MP144	21.10				
								ASPL550MP144	21.29				
					4	Bifacial Mono c-Si PERC Module (Glass to Glass)	ASPL585MP156 (585 Wp)	ASPL580MP156	20.75	156 (Half Cut Cells)	1500		
								ASPL585MP156	20.93				
								ASPL590MP156	21.11				
					5	N Type TOPCon Module	ASPL425TPC108 (425 Wp)	ASPL415TPC108	21.25	108 (Half Cut Cells)	1500		
								ASPL420TPC108	21.51				
								ASPL425TPC108	21.76				
								ASPL430TPC108	22.02				
								ASPL435TPC108	22.28				
					6	N Type TOPCon Module	ASPL470TPC120 (470 Wp)	ASPL460TPC120	21.25	120 (Half Cut Cells)	1500		
								ASPL465TPC120	21.48				
								ASPL470TPC120	21.71				
								ASPL475TPC120	21.94				
								ASPL480TPC120	22.17				
					7	Bifacial N Type TOPCon Module (Glass to Glass)	ASPL565TPC144 (565 Wp)	ASPL545TPC144	21.10	144 (Half Cut Cells)	1500		
								ASPL550TPC144	21.29				
								ASPL555TPC144	21.48				
ASPL560TPC144	21.68												
ASPL565TPC144	21.87												
ASPL570TPC144	22.07												
ASPL575TPC144	22.26												
ASPL580TPC144	22.45												
ASPL585TPC144	22.65												
ASPL590TPC144	22.84												
8	Bifacial N Type TOPCon Module (Glass to Glass)	ASPL620TPC156 (620 Wp)	ASPL605TPC156	21.64	156 (Half Cut Cells)	1500							
			ASPL610TPC156	21.82									
			ASPL615TPC156	22.00									
			ASPL620TPC156	22.18									
			ASPL625TPC156	22.36									
			ASPL630TPC156	22.54									
			ASPL635TPC156	22.72									
13	M/s. Emmvee Energy Private Limited (Model Addition)	Sy. No. 66-70/3, Sompura Industrial Area, Pemmanahalli Village, Sompura Hobli, Nelamangala Taluk, Bengaluru Rural District, Karnataka - 562111, India	R-62004626	3264	1	Bifacial N-Type TOPCon Modules (Glass to Glass)	E595HCBG144-T (595 Wp)	E585HCBG144-T	22.65	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E590HCBG144-T	22.84				
								E595HCBG144-T	23.03				
								E600HCBG144-T	23.23				
								E605HCBG144-T	23.42				
					2	Bifacial N-Type TOPCon Modules (Glass to Transparent Backsheet)	E415HCBT108-T (415 Wp)	E395HCBT108-T	20.25	108 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E400HCBT108-T	20.51				
								E405HCBT108-T	20.76				
								E410HCBT108-T	21.02				
								E415HCBT108-T	21.28				
E420HCBT108-T	21.53												
E425HCBT108-T	21.79												
E430HCBT108-T	22.05												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					3	Bifacial N-Type TOPCon Modules (Glass to Transparent Backsheet)	E460HCBT120T (460Wp)	E435HCBT108-T E440HCBT120-T E445HCBT120-T E450HCBT120-T E455HCBT120-T E460HCBT120-T E465HCBT120-T E470HCBT120-T E475HCBT120-T E480HCBT120-T	22.30 20.28 20.51 20.74 20.97 21.20 21.44 21.67 21.90 22.13	120 (Half Cut Cells)	1500	08.07.2024	07.07.2028
					4	Bifacial N-Type TOPCon Modules (Glass to Transparent Backsheet)	E505HCBT132-T (505 Wp)	E480HCBT132-T E485HCBT132-T E490HCBT132-T E495HCBT132-T E500HCBT132-T E505HCBT132-T E510HCBT132-T E515HCBT132-T E520HCBT132-T E525HCBT132-T E530HCBT132-T	20.19 20.40 20.61 20.82 21.03 21.24 21.45 21.66 21.87 22.08 22.29	132 (Half Cut Cells)	1500	08.07.2024	07.07.2028
					5	Bifacial N-Type TOPCon Modules (Glass to Transparent Backsheet)	E555HCBT144-T (555 Wp)	E530HCBT144-T E535HCBT144-T E540HCBT144-T E545HCBT144-T E550HCBT144-T E555HCBT144-T E560HCBT144-T E565HCBT144-T E570HCBT144-T E575HCBT144-T E580HCBT144-T	20.52 20.71 20.90 21.10 21.29 21.48 21.68 21.87 22.07 22.26 22.45	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
					6	Bifacial N-Type TOPCon Modules (Glass to Transparent Backsheet)	E525HCBT144-T (525 Wp)	E525HCBT144-T	20.32	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
					7	N-Type TOPCon Module	E415HCMW108-T (415 Wp)	E395HCMW108-T E400HCMW108-T E405HCMW108-T E410HCMW108-T E415HCMW108-T E420HCMW108-T E425HCMW108-T E430HCMW108-T E435HCMW108-T	20.25 20.51 20.76 21.02 21.28 21.53 21.79 22.05 22.30	108 (Half Cut Cells)	1500	08.07.2024	07.07.2028
					8	N-Type TOPCon Module	E460HCMW120-T (460 Wp)	E440HCMW120-T E445HCMW120-T E450HCMW120-T E455HCMW120-T E460HCMW120-T E465HCMW120-T E470HCMW120-T E475HCMW120-T E480HCMW120-T	20.28 20.51 20.74 20.97 21.20 21.44 21.67 21.90 22.13	120 (Half Cut Cells)	1500	08.07.2024	07.07.2028
					9	N-Type TOPCon Module	E505HCMW132-T (505 Wp)	E480HCMW132-T E485HCMW132-T E490HCMW132-T E495HCMW132-T	20.19 20.40 20.61 20.82	132 (Half Cut Cells)	1500	08.07.2024	07.07.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								E500HCMW132-T	21.03				
								E505HCMW132-T	21.24				
								E510HCMW132-T	21.45				
								E515HCMW132-T	21.66				
								E520HCMW132-T	21.87				
								E525HCMW132-T	22.08				
								E530HCMW132-T	22.29				
					10	N-Type TOPCon Module	E505HCMW144-T (555 Wp)	E530HCMW144-T	20.52	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E535HCMW144-T	20.71				
								E540HCMW144-T	20.90				
								E545HCMW144-T	21.10				
								E550HCMW144-T	21.29				
								E555HCMW144-T	21.48				
								E560HCMW144-T	21.68				
								E565HCMW144-T	21.87				
								E570HCMW144-T	22.07				
								E575HCMW144-T	22.26				
								E580HCMW144-T	22.45				
					11	N-Type TOPCon Module	E525HCMW144-T (525 Wp)	E525HCMW144-T	20.32	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
14	M/s. Emmvee Photovoltaic Power Private Limited (Model Addition)	Sy. No. 66-70/3, Pemmanahalli Village, Sompura Hobli, Dabaspeta, Nelamangala Taluk, Bengaluru Rural District, Karnataka - 562111, India	R-62002976	678	1	Bifacial N-Type TOPCon Modules (Glass to Glass)	E590HCBG144-T	E585HCBG144-T	22.65	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								E590HCBG144-T	22.84				
								E595HCBG144-T	23.03				
15	M/s. Gautam Solar Private Limited (New Addition in ALMM)	7KM Milestone, Tosham Road, Dist. Bhiwani, Bhiwani Khara-127032, Haryana, India	R-91017574	470	1	Mono c-Si PERC Modules	G2X530-HAD (530 Wp)	G2X510-HAD	19.73	144 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								G2X515-HAD	19.92				
								G2X520-HAD	20.11				
								G2X525-HAD	20.31				
								G2X530-HAD	20.50				
								G2X535-HAD	20.69				
								G2X540-HAD	20.89				
								G2X545-HAD	21.08				
								G2X550-HAD	21.27				
								G2X555-HAD	21.47				
								G2X560-HAD	21.66				
					2	Mono c-Si PERC Modules	G2X495-HAB (495 Wp)	G2X520-HAB	21.89	132 (Half Cut Cells)	1500		
								G2X515-HAB	21.68				
								G2X510-HAB	21.47				
								G2X505-HAB	21.26				
								G2X500-HAB	21.05				
								G2X495-HAB	20.84				
								G2X490-HAB	20.63				
								G2X485-HAB	20.41				
					3	Mono c-Si PERC Modules	G2X450-HAA (450 Wp)	G2X465-HAA	21.47	120 (Half Cut Cells)	1500		
								G2X460-HAA	21.24				
								G2X455-HAA	21.01				
								G2X450-HAA	20.78				
								G2X445-HAA	20.55				
								G2X440-HAA	20.31				
					4	Mono c-Si PERC Modules	G2X450-HAY (405 Wp)	G2X420-HAY	21.31	108 (Half Cut Cells)	1500		
								G2X415-HAY	21.06				
								G2X410-HAY	20.80				
								G2X405-HAY	20.55				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					5	Mono c-Si PERC Modules	G2X360-HAX (360 Wp)	G2X400-HAY	20.30	96 (Half Cut Cells)	1500		
								G2X390-HAY	19.79				
					G2X370-HAX	21.21							
					G2X365-HAX	20.93							
					G2X360-HAX	20.64							
					G2X355-HAX	20.35							
					G2X350-HAX	20.07							
					6	Bifacial Mono c-Si PERC Modules	G2XBifacial 1695-HAD (535 Wp) (510 Wp-560 Wp)	G2XBifacial 728-HAD	21.66	144 (Half Cut Cells)	1500		
								G2XBifacial 721-HAD	21.47				
								G2XBifacial 715-HAD	21.27				
								G2XBifacial 708-HAD	21.08				
								G2XBifacial 702-HAD	20.89				
								G2XBifacial 695-HAD	20.69				
								G2XBifacial 689-HAD	20.50				
								G2XBifacial 682-HAD	20.31				
								G2XBifacial 676-HAD	20.11				
								G2XBifacial 669-HAD	19.92				
					G2XBifacial 663-HAD	19.73							
					7	Bifacial Mono c-Si PERC Modules	G2XBifacial 1650-HAB (500 Wp) (485 Wp-520 Wp)	G2XBifacial 1676-HAB	21.75	132 (Half Cut Cells)	1500		
								G2XBifacial 1669-HAB	21.54				
								G2XBifacial 1663-HAB	21.33				
								G2XBifacial 1656-HAB	21.13				
								G2XBifacial 1650-HAB	20.92				
								G2XBifacial 1643-HAB	20.71				
								G2XBifacial 1637-HAB	20.50				
								G2XBifacial 1630-HAB	20.29				
					8	Bifacial Mono c-Si PERC Modules	G2XBifacial 1585-HAa (450 Wp) (440 Wp-465 Wp)	G2XBifacial 1604-HAA	21.32	120 (Half Cut Cells)	1500		
								G2XBifacial 1598-HAA	21.09				
								G2XBifacial 1591-HAA	20.87				
								G2XBifacial 1585-HAA	20.64				
								G2XBifacial 1578-HAA	20.41				
					9	Bifacial Mono c-Si PERC Modules	G2XBifacial 1526-HAY (405 Wp) (390 Wp-420 Wp)	G2XBifacial 1572-HAA	20.18	108 (Half Cut Cells)	1500		
								G2XBifacial 1546-HAY	21.31				
								G2XBifacial 1539-HAY	21.06				
								G2XBifacial 1533-HAY	20.80				
								G2XBifacial 1526-HAY	20.55				
					10	Bifacial Mono c-Si PERC Modules	G2XBifacial 1468-HAX (360 Wp) (350 Wp-370 Wp)	G2XBifacial 1520-HAY	20.30	96 (Half Cut Cells)	1500		
								G2XBifacial 1507-HAY	19.79				
								G2XBifacial 1481-HAX	21.00				
								G2XBifacial 1474-HAX	20.71				
G2XBifacial 1468-HAX	20.43												
G2XBifacial 1461-HAX	20.14												
G2XBifacial 1455-HAX	19.86												
16	M/s. Knack Energy Private Limited (New Addition in ALMM)	Survey No. 291 & 292, Besides Kamla Amrut Industrial Estate, Budasun, Near Hitachi, Jhonson Kadi, Mehsana-382715,Gujarat, India	R-72012319	598	1	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16B-156-630 (630 Wp)	KNACK-NG2G-16B-156-605	21.63	156 (Half Cut Cells)	1500		
								KNACK-NG2G-16B-156-610	21.81				
								KNACK-NG2G-16B-156-615	21.99				
								KNACK-NG2G-16B-156-620	22.17				
								KNACK-NG2G-16B-156-625	22.35				
								KNACK-NG2G-16B-156-630	22.53				
								KNACK-NG2G-16B-156-635	22.71				
								KNACK-NG2G-16B-156-640	22.89				
								KNACK-NG2G-16B-156-645	23.07				
								KNACK-NG2G-16B-156-650	23.24				
								KNACK-NG2G-16A-156-605	21.63				
								KNACK-NG2G-16A-156-610	21.81				
					KNACK-NG2G-16A-156-615	21.99							
					KNACK-NG2G-16A-156-620	22.17							
					KNACK-NG2G-16A-156-625	22.35							
					KNACK-NG2G-16A-156-630	22.53							

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity			
												From	To (subject to valid BIS Registration; else deemed to be delisted)		
								KNACK-NG2G-16A-156-635	22.71						
								KNACK-NG2G-16A-156-640	22.89						
								KNACK-NG2G-16A-156-645	23.07						
								KNACK-NG2G-16A-156-650	23.24						
					3	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16B-144-560 (560 Wp)	KNACK-NG2G-16B-144-545	21.10	144 (Half Cut Cells)	1500				
							KNACK-NG2G-16B-144-550	21.29							
							KNACK-NG2G-16B-144-555	21.48							
							KNACK-NG2G-16B-144-560	21.68							
							KNACK-NG2G-16B-144-565	21.87							
							KNACK-NG2G-16B-144-570	22.07							
							KNACK-NG2G-16B-144-575	22.06							
							KNACK-NG2G-16B-144-580	22.45							
					4	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16B-144-590 (590 Wp)	KNACK-NG2G-16B-144-585	22.65	144 (Half Cut Cells)	1500				
							KNACK-NG2G-16B-144-590	22.84							
							KNACK-NG2G-16B-144-595	23.03							
							KNACK-NG2G-16B-144-600	23.23							
					5	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16A-144-560 (560 Wp)	KNACK-NG2G-16A-144-545	21.10	144 (Half Cut Cells)	1500				
							KNACK-NG2G-16A-144-550	21.29							
							KNACK-NG2G-16A-144-555	21.48							
							KNACK-NG2G-16A-144-560	21.68							
							KNACK-NG2G-16A-144-565	21.87							
							KNACK-NG2G-16A-144-570	22.07							
							KNACK-NG2G-16A-144-575	22.26							
							KNACK-NG2G-16A-144-580	22.45							
					6	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16A-144-590 (590 Wp)	KNACK-NG2G-16A-144-585	22.65	144 (Half Cut Cells)	1500				
							KNACK-NG2G-16A-144-590	22.84							
							KNACK-NG2G-16A-144-595	23.03							
							KNACK-NG2G-16A-144-600	23.23							
					7	Bifacial Mono c-Si PERC Module (Glass to Glass)	KNACK-PG2G-10A-144-530 (530 Wp)	KNACK-PG2G-10A-144-505	19.55	144 (Half Cut Cells)	1500				
							KNACK-PG2G-10A-144-510	19.74							
							KNACK-PG2G-10A-144-515	19.94							
							KNACK-PG2G-10A-144-520	20.13							
							KNACK-PG2G-10A-144-525	20.32							
							KNACK-PG2G-10A-144-530	20.52							
							KNACK-PG2G-10A-144-535	20.71							
							KNACK-PG2G-10A-144-540	20.90							
							KNACK-PG2G-10A-144-545	21.10							
							KNACK-PG2G-10A-144-550	21.29							
							KNACK-PG2G-10A-144-555	21.48							
							KNACK-NG2G-16B-132-495	20.87							
					8	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16B-132-515 (515 Wp)	KNACK-NG2G-16B-132-500	21.08			132 (Half Cut Cells)	1500		
							KNACK-NG2G-16B-132-505	21.29							
							KNACK-NG2G-16B-132-510	21.50							
							KNACK-NG2G-16B-132-515	21.71							
							KNACK-NG2G-16B-132-520	21.92							
							KNACK-NG2G-16B-132-525	22.13							
							KNACK-NG2G-16B-132-530	22.34							
							KNACK-NG2G-16B-132-535	22.55							
							KNACK-NG2G-16B-132-540	22.76							
							KNACK-NG2G-16A-132-495	20.87							
					9	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16A-132-515 (515 Wp)	KNACK-NG2G-16A-132-500	21.08	132 (Half Cut Cells)	1500				
							KNACK-NG2G-16A-132-505	21.29							
							KNACK-NG2G-16A-132-510	21.50							
							KNACK-NG2G-16A-132-515	21.71							
							KNACK-NG2G-16A-132-520	21.92							
							KNACK-NG2G-16A-132-525	22.13							
							KNACK-NG2G-16A-132-530	22.34							
							KNACK-NG2G-16A-132-535	22.55							
							KNACK-NG2G-16A-132-540	22.76							

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					10	Bifacial Mono c-Si PERC Module (Glass to Glass)	KNACK-PG2G-10A-132-480 (480 Wp)	KNACK-PG2G-10A-132-460 KNACK-PG2G-10A-132-465 KNACK-PG2G-10A-132-470 KNACK-PG2G-10A-132-475 KNACK-PG2G-10A-132-480 KNACK-PG2G-10A-132-485 KNACK-PG2G-10A-132-490 KNACK-PG2G-10A-132-495 KNACK-PG2G-10A-132-500	19.39 19.60 19.81 20.02 20.23 20.44 20.65 20.87 21.08	132 (Half Cut Cells)	1500		
					11	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16B-120-470 (470 Wp)	KNACK-NG2G-16B-120-450 KNACK-NG2G-16B-120-455 KNACK-NG2G-16B-120-460 KNACK-NG2G-16B-120-465 KNACK-NG2G-16B-120-470 KNACK-NG2G-16B-120-475 KNACK-NG2G-16B-120-480 KNACK-NG2G-16B-120-485 KNACK-NG2G-16B-120-490	20.80 21.03 21.26 21.49 21.72 21.95 22.18 22.42 22.65	120 (Half Cut Cells)	1500		
					12	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16A-120-470 (470 Wp)	KNACK-NG2G-16A-120-450 KNACK-NG2G-16A-120-455 KNACK-NG2G-16A-120-460 KNACK-NG2G-16A-120-465 KNACK-NG2G-16A-120-470 KNACK-NG2G-16A-120-475 KNACK-NG2G-16A-120-480 KNACK-NG2G-16A-120-485 KNACK-NG2G-16A-120-490	20.80 21.03 21.26 21.49 21.72 21.95 22.18 22.42 22.65	120 (Half Cut Cells)	1500		
					13	Bifacial Mono c-Si PERC Module (Glass to Glass)	KNACK-PG2G-10A-120-435 (435 Wp)	KNACK-PG2G-10A-120-415 KNACK-PG2G-10A-120-420 KNACK-PG2G-10A-120-425 KNACK-PG2G-10A-120-430 KNACK-PG2G-10A-120-435 KNACK-PG2G-10A-120-440 KNACK-PG2G-10A-120-445 KNACK-PG2G-10A-120-450 KNACK-PG2G-10A-120-455	19.18 19.41 19.64 19.87 20.10 20.34 20.57 20.80 21.03	120 (Half Cut Cells)	1500		
					14	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16B-108-425 (425 Wp)	KNACK-NG2G-16B-108-405 KNACK-NG2G-16B-108-410 KNACK-NG2G-16B-108-415 KNACK-NG2G-16B-108-420 KNACK-NG2G-16B-108-425 KNACK-NG2G-16B-108-430 KNACK-NG2G-16B-108-435 KNACK-NG2G-16B-108-440 KNACK-NG2G-16B-108-445	20.64 20.90 21.15 21.41 21.66 21.92 22.17 22.43 22.68	108 (Half Cut Cells)	1500		
					15	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16A-108-425 (425 Wp)	KNACK-NG2G-16A-108-405 KNACK-NG2G-16A-108-410 KNACK-NG2G-16A-108-415 KNACK-NG2G-16A-108-420 KNACK-NG2G-16A-108-425 KNACK-NG2G-16A-108-430 KNACK-NG2G-16A-108-435 KNACK-NG2G-16A-108-440 KNACK-NG2G-16A-108-445	20.64 20.90 21.15 21.41 21.66 21.92 22.17 22.43 22.68	108 (Half Cut Cells)	1500		
					16	Bifacial Mono c-Si PERC Module (Glass to Glass)	KNACK-PG2G-10A-108-385 (385 Wp)	KNACK-PG2G-10A-108-375 KNACK-PG2G-10A-108-380 KNACK-PG2G-10A-108-385 KNACK-PG2G-10A-108-390	19.11 19.37 19.62 19.88	108 (Half Cut Cells)	1500		
					17	Bifacial Mono c-Si PERC	KNACK-PG2G-10A-108-	KNACK-PG2G-10A-108-395	20.13	108 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						Module (Glass to Glass)	405 (405 Wp)	KNACK-PG2G-10A-108-400	20.39				
								KNACK-PG2G-10A-108-405	20.64				
								KNACK-PG2G-10A-108-410	20.90				
17	M/s. Loom Solar Private Limited (New Addition in ALMM)	Block Ala, Palwal Logistic Park, Ferozpur, Palwal-121102, Haryana, India	R-91017728	43	1	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SHARK 585 (585 Wp)	SHARK	23.23	144 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								SHARK 595	23.03				
								SHARK 590	22.84				
								SHARK 585	22.65				
								SHARK 580	22.45				
								SHARK 575	22.26				
								SHARK 570	22.07				
								SHARK 565	21.87				
					2	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SHARK 290 (290 Wp)	SHARK 300	22.39	72 (Half Cut Cells)	1500		
								SHARK 295	22.02				
								SHARK 290	21.65				
								SHARK 285	21.27				
								SHARK 280	20.90				
18	M/s. Rayon Illuminations Solar Solutions Private Limited (New Addition in ALMM)	Plot No. 42, Sector 5, DMIC Shendra, Aurangabad-431007, Maharashtra, India	R-71036293	62	1	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RS144MB 545W (545 Wp)	RS144MB 550W	21.29	144 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								RS144MB 545W	21.10				
								RS144MB 540W	20.90				
								RS144MB 535W	20.71				
					2	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RS132MB 490W (490 Wp)	RS132MB 500W	21.06	132 (Half Cut Cells)	1500		
								RS132MB 495W	20.85				
								RS132MB 490W	20.64				
								RS132MB 485W	20.42				
								RS132MB 480W	20.21				
								RS132MB 475W	20.00				
					3	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RS132MB 460W (460 Wp)	RS132MB 470W	19.79	132 (Half Cut Cells)	1500		
								RS132MB 465W	19.58				
								RS132MB 460W	19.37				
								RS132MB 455W	19.16				
					4	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RS120MB 445W (445 Wp)	RS120MB 455W	21.02	120 (Half Cut Cells)	1500		
								RS120MB 450W	20.79				
								RS120MB 445W	20.56				
								RS120MB 440W	20.33				
								RS120MB 435W	20.09				
					5	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RS120MB 420W (420 Wp)	RS120MB 430W	19.86	120 (Half Cut Cells)	1500		
								RS120MB 425W	19.63				
								RS120MB 420W	19.40				
								RS120MB 415W	19.17				
					6	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RS108MB 385W (385Wp)	RS108MB 395W	20.23	108 (Half Cut Cells)	1500		
								RS108MB 390W	19.97				
								RS108MB 385W	19.72				
								RS108MB 380W	19.46				
								RS108MB 375W	19.20				
					7	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RS144TP 575W (575Wp)	RS144TP 590W	22.84	144 (Half Cut Cells)	1500		
								RS144TP 585W	22.65				
								RS144TP 580W	22.45				
								RS144TP 575W	22.26				
								RS144TP 570W	22.07				
								RS144TP 565W	21.87				
								RS144TP 560W	21.68				
								RS144TP 555W	21.48				
								RS144TP 550W	21.29				
					8	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RS144TP 535W (535Wp)	RS144TP 545W	21.10	144 (Half Cut Cells)	1500		
								RS144TP 540W	20.90				
								RS144TP 535W	20.71				
								RS144TP 530W	20.52				
								RS144TP 525W	20.32				
								RS144TP 520W	20.13				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					9	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RS132TP 505W (505Wp)	RS132TP 515W	21.69	132 (Half Cut Cells)	1500		
								RS132TP 510W	21.48				
								RS132TP 505W	21.27				
								RS132TP 500W	21.06				
								RS132TP 495W	20.85				
					10	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RS132TP 480W (480Wp)	RS132TP 490W	20.64	132 (Half Cut Cells)	1500		
								RS132TP 485W	20.42				
								RS132TP 480W	20.21				
								RS132TP 475W	20.00				
								RS132TP 470W	19.79				
					11	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RS120TP 445W (445Wp)	RS120TP 465W	21.48	120 (Half Cut Cells)	1500		
								RS120TP 460W	21.25				
								RS120TP 455W	21.02				
								RS120TP 450W	20.79				
								RS120TP 445W	20.56				
								RS120TP 440W	20.33				
								RS120TP 435W	20.09				
								RS120TP 430W	19.86				
					12	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RS108TP 400W (400Wp)	RS120TP 425W	19.63	108 (Half Cut Cells)	1500		
								RS108TP 420W	21.51				
RS108TP 415W	21.25												
RS108TP 410W	21.00												
RS108TP 405W	20.74												
RS108TP 400W	20.48												
RS108TP 395W	20.23												
RS108TP 390W	19.97												
			RS108TP 385W	19.72									

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.

Dated: 27th March, 2025

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

- Ref:** (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR-Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023 and O.M. of even no. dated 22.03.2024 inter-alia directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	Application/ Use	Minimum Module Efficiency requirement for crystalline-Silicon technology based Solar PV Modules	Minimum Module Efficiency requirement for Cadmium Telluride Thin Film technology based Solar PV Modules
Category I	Utility / Grid Scale Power Plants	20.0%	19.00%
Category II	Rooftop and Solar Pumping	19.5%	18.50%
Category III	Solar Lighting	19.0%	18.00%

3. Post the O.M. dated 10.05.2023 and subsequent O.M. dated 22.03.2024, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 17.02.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XXXVI of same is enclosed at Annexure-I. The details of provisional enlistments granted by MNRE in ALMM List-I are at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registration.do?hmode=getLimsData

8. This issues with the approval of competent authority.



(Sanjay G. Karndhar)
Scientist-E
E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned

Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 27th March 2025)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
1	Emvee Photovoltaic Power Pvt. Ltd.	#13/1, International Airport Road (Bellary Road), Bettahalasuru Post, Bengaluru-562157, Karnataka	R-62001074	512	i	Mono C-Si PERC Modules	E390M72 (390 Wp)	E385M72	19.20	72 (Full Cells)	1500	10.03.2023	09.03.2027
								E390M72	19.45				
								E395M72	19.70				
								E320M60	19.04	60 (Full Cells)	1500	10.03.2023	09.03.2027
								E325M60	19.34				
								E330M60	19.64				
2	M/s Sova Solar Ltd.	Layout Plot No: 25, E.P.I.P, Banskopa, Durgapur 713212, West Bengal, India.	R-51000590	1297	i	Mono C-Si PERC Modules	SS535144HCMP (535Wp)	SS520144HCMP	20.16	144 (Half-Cut Cells)	1500	10.03.2023	09.03.2027
								SS525144HCMP	20.35				
								SS530144HCMP	20.54				
								SS535144HCMP	20.74				
								SS540144HCMP	20.93				
								SS545144HCMP	21.13				
								SS550144HCMP	21.32				
								SS555144HCMP	21.51				
								SS520144HCBP	20.16				
								SS525144HCBP	20.35				
								SS530144HCBP	20.54				
								SS535144HCBP	20.74				
								SS540144HCBP	20.93				
								SS545144HCBP	21.13				
								SS550144HCBP	21.32				
								SS555144HCBP	21.51				
								SS520144HCMP	20.16				
								SS525144HCMP	20.35				
								SS530144HCMP	20.54				
								SS535144HCMP	20.74				
								SS540144HCMP	20.93				
								SS545144HCMP	21.13				
								SS550144HCMP	21.32				
								SS555144HCMP	21.51				
								iv	N-Type TOPCON Modules (Glass to Glass)				
SS575144HCGT	22.29												
SS570144HCGT	22.09												
SS565144HCGT	21.90												
SS560144HCGT	21.71												
SS555144HCGT	21.51												
SS550144HCGT	21.32												
SS545144HCGT	21.12												
SS540144HCGT	20.93												
SS505132HCMP	21.27	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027								
SS500132HCMP	21.06												
SS495132HCMP	20.85												
SS490132HCMP	20.64												
SS485132HCMP	20.43												
SS480132HCMP	20.22												
SS475132HCMP	20.01												
SS470132HCMP	19.80												
SESM24370	19.04					72 (Full Cells)	1000	10.03.2023	09.03.2027				
SESM24375	19.30												
							SESM24380	19.55					
ii	Mono C-Si PERC Modules	SES20CM120W320 (320 Wp)	SES20CM120W320	19.21	120 (Half Cells)	1000	10.03.2023	09.03.2027					
				SES24CM144W375					19.01				
iii	Mono C-Si PERC Modules	SES24CM144W380 (380 Wp)	SES24CM144W380	19.30	144 (Half Cells)	1000	10.03.2023	09.03.2027					
				SES24CM144W385					19.51				
4	Saatvik Green Energy Pvt. Ltd.	Village Dubli, Tehsil- Barara, Dist- Ambala -133101, Haryana	R-91003670	1740	i	Mono C-Si PERC Modules	SGE 190-36M (190 Wp)	SGE 190-36M	19.11	36 (Full Cells)	1000	10.03.2023	09.03.2027
								SGE 255-48M (255 Wp)	19.37				
								SGE 255-48M	19.37	48 (Full Cells)	1000	10.03.2023	09.03.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iii	Mono C-Si PERC Modules	SGE 285-54M (285 Wp)	SGE 280-54M SGE 285-54M	19.15 19.49	54 (Full Cells)	1000	10.03.2023	09.03.2027
					iv	Mono C-Si PERC Modules	SGE 315-60M (315 Wp)	SGE 310-60M SGE 315-60M	19.08 19.41	60 (Full Cells)	1500	10.03.2023	09.03.2027
					v	Mono C-Si PERC Modules	SGE 375-72M (375 Wp)	SGE 370-72M SGE 375-72M SGE 380-72M	19.09 19.35 19.61	72 (Full Cells)	1500	10.03.2023	09.03.2027
					vi	Mono C-Si PERC Modules	SGE570-156MHC, (570 Wp)	SGE555-156MHC SGE560-156MHC SGE565-156MHC SGE570-156MHC SGE575-156MHC SGE580-156MHC SGE585-156MHC SGE590-156MHC SGE520-144MHC SGE525-144MHC	19.78 19.96 20.14 20.32 20.50 20.67 20.85 21.03 20.13 20.32	156 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					vii	Mono C-Si PERC Modules	SGE530-144MHC, (530 Wp)	SGE530-144MHC SGE535-144MHC SGE540-144MHC SGE545-144MHC SGE550-144MHC	20.52 20.70 20.90 21.10 21.29	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					viii	Mono C-Si PERC Modules	SGE485-132MHC, (485 Wp)	SGE470-132MHC SGE475-132MHC SGE480-132MHC SGE485-132MHC SGE490-132MHC SGE495-132MHC SGE500-132MHC	19.78 20.01 20.23 20.41 20.63 20.84 21.05	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					ix	Mono C-Si PERC Modules	SGE440-120MHC, (440 Wp)	SGE420-120MHC SGE425-120MHC SGE430-120MHC SGE435-120MHC SGE440-120MHC SGE445-120MHC SGE450-120MHC SGE455-120MHC	19.37 19.60 19.83 20.06 20.29 20.52 20.76 20.99	120 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					x	Mono C-Si PERC Modules	SGE395-108MHC, (395 Wp)	SGE380-108MHC SGE385-108MHC SGE390-108MHC SGE395-108MHC SGE400-108MHC SGE405-108MHC SGE410-108MHC	19.44 19.69 19.95 20.20 20.46 20.71 20.98	108 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					xi	Mono C-Si PERC Modules	SGE 395-72M, (395 Wp)	SGE 385-72M SGE 390-72M SGE 395-72M SGE 400-72M	19.22 19.47 19.72 19.97	72 (Full Cell)	1500	10.03.2023	09.03.2027
					xii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	SGE535-144MBHC (535 Wp)	SGE525-144MBHC SGE530-144MBHC SGE535-144MBHC SGE540-144MBHC SGE545-144MBHC SGE550-144MBHC	20.32 20.52 20.71 20.90 21.10 21.29	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					xiii	Bifacial N Type TOPCon Module	SGE425-108TGG (425 Wp)	SGE410-108TGG SGE415-108TGG SGE420-108TGG SGE425-108TGG SGE430-108TGG SGE435-108TGG SGE440-108TGG SGE460-120TGG SGE465-120TGG SGE470-120TGG	20.97 21.22 21.48 21.74 21.99 22.25 22.51 21.21 21.46 21.68	108 (Half Cut Cells)	1500	10.03.2023	09.03.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ix	Mono PERC C-Si Module	NSM360-96 (360 Wp)	NSM410-108	20.98	96 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM350-96	20.06				
								NSM355-96	20.35				
								NSM360-96	20.64				
					x	Mono PERC C-Si Module	NSM270-72 (270 Wp)	NSM365-96	20.92	72 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM260-72	19.62				
								NSM265-72	20.00				
								NSM270-72	20.38				
					xi	Mono PERC C-Si Module	NSM470-156 (470 Wp)	NSM275-72	20.76	156 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM460-156	19.65				
								NSM465-156	19.86				
								NSM470-156	20.07				
								NSM475-156	20.29				
								NSM480-156	20.50				
					xii	Mono PERC C-Si Module	NSM450-144 (450 Wp)	NSM485-156	20.72	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM435-144	20.08				
								NSM440-144	20.32				
								NSM445-144	20.78				
								NSM450-144	20.55				
								NSM455-144	21.01				
								NSM460-144	21.64				
								NSM465-144	21.47				
					xiii	Mono PERC C-Si Module	NSM405-132 (405 Wp)	NSM395-132	19.85	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM400-132	20.10				
								NSM405-132	20.35				
								NSM410-132	20.60				
					xiv	Mono PERC C-Si Module	NSM370-120 (370 Wp)	NSM415-132	20.85	120 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM360-120	19.84				
								NSM365-120	20.11				
NSM370-120	20.39												
xv	Mono PERC C-Si Module	NSM330-108 (330 Wp)	NSM375-120	20.66	108 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM320-108	19.52									
			NSM325-108	19.82									
			NSM330-108	20.13									
			NSM335-108	20.43									
xvi	Mono PERC C-Si Module	NSM290-96 (290 Wp)	NSM340-108	20.74	96 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM285-96	19.47									
			NSM290-96	19.81									
			NSM295-96	20.15									
xvii	Mono PERC C-Si Module	NSM220-72 (220 Wp)	NSM300-96	20.49	72 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM215-72	19.32									
			NSM220-72	19.77									
			NSM225-72	20.22									
xviii	Mono PERC C-Si Module	NSM395 (395 Wp)	NSM385	19.40	72 (Full Cells)	1500	10.03.2023	09.03.2027					
			NSM390	19.65									
			NSM395	19.90									
			NSM400	20.15									
xix	Mono PERC C-Si Module	NSM-WBPR64 - MIO-160(160Wp)	NSM-WBPR64 - MIO-160	19.82	64 (Half Cut Cells)	1000	10.03.2023	09.03.2027					
			NSM-WBPR60 - MIO-225(225Wp)	20.28									
			NSM-WBPR56 - MIO-210(210Wp)	20.26									
			NSM-WBPR52 - MIO-200(200Wp)	20.72									
			NSM-WBPR48 - MIO-180(180Wp)	20.13									
			NSM-WBPR44 - MIO-110(110Wp)	19.38									
			NSM-WBPR44 - MIO-160(160Wp)	20.05									
			NSM-WBPR40 - MIO-150(150Wp)	19.95									
			NSM-WBPR36 - MIO-90(90Wp)	19.07									
			NSM-WBPR36 - MIO-135(135Wp)	19.83									
			NSM-WBPR32 - MIO-120(120Wp)	19.68									
xx	Mono PERC C-Si Module	NSM-WBPR60 - MIO-225(225Wp)	NSM-WBPR64 - MIO-160	19.82	60 (Half Cut Cells)	1000	10.03.2023	09.03.2027					
			NSM-WBPR60 - MIO-225	20.28									
			NSM-WBPR56 - MIO-210	20.26									
			NSM-WBPR52 - MIO-200	20.72									
			NSM-WBPR48 - MIO-180	20.13									
			NSM-WBPR44 - MIO-110	19.38									
			NSM-WBPR44 - MIO-160	20.05									
			NSM-WBPR40 - MIO-150	19.95									
			NSM-WBPR36 - MIO-90	19.07									
			NSM-WBPR36 - MIO-135	19.83									
			NSM-WBPR32 - MIO-120	19.68									
xxi	Mono PERC C-Si Module	NSM-WBPR56 - MIO-210(210Wp)	JH-420M	19.26	120 (Half-Cut Cells)	1500	17.08.2023	16.08.2027					
			JH-425M	19.49									
			JH-430M	19.71									
			JH-435M	19.94									
			JH-440M	20.17									
			JH-445M	20.40									
			JH-450M	20.63									
6	Jakson Engineers Ltd.	Plot No-25, Ecotech-III, Udyog Kendra, Greater NOIDA-201306, Gautam Budha Nagar, Uttar Pradesh, India.	R-93005959	1162	i	Mono C-Si PERC Modules	JH-440M, (440Wp)			120 (Half-Cut Cells)	1500	17.08.2023	16.08.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					x	Mono c-Si Bifacial PERC Module	JH-535BB	JH-530BB	20.53	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-535BB	20.73				
								JH-540BB	20.92				
								JH-545BB	21.11				
								JH-550BB	21.31				
					JH-555BB	21.50							
					xi	Mono c-Si Bifacial PERC Module	JH-400BT	JH-380BT	19.48	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-385BT	19.73				
								JH-390BT	19.99				
								JH-395BT	20.25				
								JH-400BT	20.50				
								JH-405BT	20.76				
								JH-410BT	21.01				
								JH-415BT	21.27				
								JH-420BT	19.39				
								JH-425BT	19.62				
					xii	Mono c-Si Bifacial PERC Module	JH-440BT	JH-430BT	19.85	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-435BT	20.08				
								JH-440BT	20.31				
								JH-445BT	20.54				
								JH-450BT	20.77				
								JH-455BT	21.00				
								JH-460BT	21.23				
								JH-475BT	20.02				
								JH-480BT	20.23				
								JH-485BT	20.44				
					xiii	Mono c-Si Bifacial PERC Module	JH-490BT	JH-490BT	20.65	132 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-495BT	20.86				
								JH-500BT	21.07				
								JH-505BT	21.29				
								JH-510BT	21.50				
								JH-515BT	21.71				
								JH-520BT	20.15				
								JH-525BT	20.34				
								JH-530BT	20.53				
								JH-535BT	20.73				
					xiv	Mono c-Si Bifacial PERC Module	JH-535BT	JH-540BT	20.92	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-545BT	21.11				
								JH-550BT	21.31				
								JH-555BT	21.50				
								JH-380BW	19.48				
								JH-385BW	19.73				
								JH-390BW	19.99				
								JH-395BW	20.25				
								JH-400BW	20.50				
								JH-405BW	20.76				
					xv	Mono c-Si Bifacial PERC Module	JH-400BW	JH-410BW	21.01	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-415BW	21.27				
								JH-420BW	19.39				
								JH-425BW	19.62				
								JH-430BW	19.85				
								JH-435BW	20.08				
								JH-440BW	20.31				
								JH-445BW	20.54				
								JH-450BW	20.77				
								JH-455BW	21.00				
					xvi	Mono c-Si Bifacial PERC Module	JH-440BW	JH-460BW	21.23	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-475BW	20.02				
								JH-480BW	20.23				
								JH-485BW	20.44				
								JH-490BW	20.65				
								JH-495BW	20.86				
								JH-500BW	21.07				
								JH-505BW	21.29				
								JH-510BW	21.50				
								JH-515BW	21.71				
					xvii	Mono c-Si Bifacial PERC Module	JH-490BW	JH-515BW	21.71	132 (Half Cut Cells)	1500	17.08.2023	16.08.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xviii	Mono c-Si Bifacial PERC Module	JH-535BW	JH-520BW 20.15 JH-525BW 20.34 JH-530BW 20.53 JH-535BW 20.73 JH-540BW 20.92 JH-545BW 21.11 JH-550BW 21.31 JH-555BW 21.50		144 (Half Cut Cells)	1500	17.08.2023	16.08.2027
					xix	N-Type TOPCon Module (Glass to Transparent Backsheet)	JN-420BT (420 Wp)	JN-400BT 20.50 JN-405BT 20.76 JN-410BT 21.01 JN-415BT 21.27 JN-420BT 21.53 JN-425BT 21.78 JN-430BT 22.04 JN-435BT 22.29 JN-440BT 22.55		108 (Half Cut Cells)	1500	17.08.2023	16.08.2027
					xx	N-Type TOPCon Module (Glass to Transparent Backsheet)	JN-470BT (470 Wp)	JN-445BT 20.54 JN-450BT 20.77 JN-455BT 21.00 JN-460BT 21.23 JN-465BT 21.46 JN-470BT 21.70 JN-475BT 21.93 JN-480BT 22.16 JN-485BT 22.39 JN-490BT 22.62		120 (Half Cut Cells)	1500	17.08.2023	16.08.2027
					xxi	N-Type TOPCon Module (Glass to Transparent Backsheet)	JN-520BT (520 Wp)	JN-495BT 20.86 JN-500BT 21.07 JN-505BT 21.28 JN-510BT 21.50 JN-515BT 21.71 JN-520BT 21.92 JN-525BT 22.13 JN-530BT 22.34 JN-535BT 22.55 JN-540BT 22.76		132 (Half Cut cells)	1500	17.08.2023	16.08.2027
					xxii	N-Type TOPCon Module (Glass to Transparent Backsheet)	JN-570BT (570 Wp)	JN-545BT 21.12 JN-550BT 21.31 JN-555BT 21.50 JN-560BT 21.70 JN-565BT 21.89 JN-570BT 22.08 JN-575BT 22.28 JN-580BT 22.47 JN-585BT 22.66 JN-590BT 22.86		144 (Half Cut Cells)	1500	17.08.2023	16.08.2027
					xxiii	N-Type TOPCon Module (Glass to Glass)	JN-420G (420 Wp)	JN-400G 20.50 JN-405G 20.76 JN-410G 21.01 JN-415G 21.27 JN-420G 21.53 JN-425G 21.78 JN-430G 22.04 JN-435G 22.29 JN-445G 20.54 JN-450G 20.77 JN-455G 21.00		108 (Half Cut Cells)	1500	17.08.2023	16.08.2027
					xxiv	N-Type TOPCon Module (Glass to Glass)	JN-470G (470 Wp)	JN-460G 21.23 JN-465G 21.46 JN-470G 21.70 JN-475G 21.93 JN-480G 22.16 JN-485G 22.39 JN-495G 20.86		120 (Half Cut Cells)	1500	17.08.2023	16.08.2027
							JN-500G 21.07						

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity		
												From	To (subject to valid BIS Registration; else deemed to be delisted)	
					xxv	N-Type TOPCon Module (Glass to Glass)	JN-520G (520 Wp)	JN-505G	21.28	132 (Half Cut cells)	1500	17.08.2023	16.08.2027	
								JN-510G	21.50					
								JN-515G	21.71					
								JN-520G	21.92					
								JN-525G	22.13					
								JN-530G	22.34					
					xxvi	N-Type TOPCon Module (Glass to Glass)	JN-570G (570 Wp)	JN-545G	21.12	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027	
								JN-550G	21.31					
								JN-555G	21.50					
								JN-560G	21.70					
								JN-565G	21.89					
								JN-570G	22.08					
								JN-575G	22.28					
								JN-580G	22.47					
7	Insolation Energy Pvt. Ltd	Khasra No 766/2, Vill-Bagwara, Teh-Amer Jaipur, Rajasthan	R-84002330	174	i	Mono c-Si PERC Module	INA72MP375	INA72MP375	19.23	72 (Full Cells)	1500	29.09.2023	28.09.2027	
					ii	Mono c-Si PERC Module	INA72MP385	INA72MP385	19.80					
8	Gautam Solar Pvt. Ltd.	Plot No-67-70, Sector-8A IIE, Sidcul Haridwar- 249403, Uttarakhand	R-83006041	710	i	Mono c-Si PERC Modules	G2XBifacial1767-HAE (590 Wp) 595Wp)	(565Wp)	G2XBifacial1734-HAE	20.20	156 (Half Cut Cells)	1500	29.09.2023	28.09.2027
									G2XBifacial1741-HAE	20.38				
									G2XBifacial1747-HAE	20.56				
									G2XBifacial1754-HAE	20.74				
									G2XBifacial1760-HAE	20.92				
									G2XBifacial1767-HAE	21.10				
					ii	Mono c-Si PERC Modules	G2XBifacial1695-HAD (535 Wp) (510Wp-550Wp)		G2XBifacial1773-HAE	21.28	144 (Half Cut Cells)	1500	29.09.2023	28.09.2027
									G2XBifacial1663-HAD	19.74				
									G2XBifacial1669-HAD	19.94				
									G2XBifacial1676-HAD	20.13				
									G2XBifacial1682-HAD	20.32				
									G2XBifacial1689-HAD	20.52				
									G2XBifacial1695-HAD	20.71				
									G2XBifacial1702-HAD	20.90				
					iii	Mono c-Si PERC Modules	G2XBifacial1643-HAB (495 Wp) (485Wp-505Wp)		G2XBifacial1708-HAD	21.10	132 (Half Cut Cells)	1500	29.09.2023	28.09.2027
									G2XBifacial1715-HAD	21.29				
									G2XBifacial1656-HAB	21.13				
									G2XBifacial1650-HAB	20.92				
					iv	Mono c-Si PERC Modules	G2XBifacial1585-HAA (450 Wp) (440Wp-460Wp)		G2XBifacial1643-HAB	20.71	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
									G2XBifacial1637-HAB	20.50				
									G2XBifacial1630-HAB	20.29				
									G2XBifacial1598-HAA	21.09				
									G2XBifacial1591-HAA	20.87				
									G2XBifacial1585-HAA	20.64				
					v	Mono c-Si PERC Modules	G2XBifacial1526-HAY (405 Wp) (390Wp-415Wp)		G2XBifacial1578-HAA	20.41	108 (Half Cut Cells)	1500	29.09.2023	28.09.2027
									G2XBifacial1572-HAA	20.18				
									G2XBifacial1539-HAY	21.06				
									G2XBifacial1533-HAY	20.80				
									G2XBifacial1526-HAY	20.55				
									G2XBifacial1520-HAY	20.30				
					vi	Mono c-Si PERC Modules	G2XBifacial1468-HAX (360 Wp) (365Wp-350Wp)		G2XBifacial1507-HAY	19.79	96 (Half Cut Cells)	1500	29.09.2023	28.09.2027
									G2XBifacial1474-HAX	20.71				
									G2XBifacial1468-HAX	20.43				
									G2XBifacial1461-HAX	20.14				
vii	Mono c-Si PERC Modules	G2X590-HAE (590 Wp)		G2XBifacial1455-HAX	19.86	156 (Half Cut Cells)	1500	29.09.2023	28.09.2027					
				G2X565-HAE	20.20									
				G2X570-HAE	20.38									
				G2X575-HAE	20.56									
				G2X580-HAE	20.74									
				G2X585-HAE	20.92									
				G2X590-HAE	21.10									
				G2X595-HAE	21.28									
				G2X510-HAD	19.74									
				G2X515-HAD	19.94									
G2X520-HAD	20.13													

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					viii	Mono c-Si PERC Modules	G2X530-HAD (530 Wp)	G2X525-HAD 20.32		144 (Half Cut Cells)	1500	29.09.2023	28.09.2027
							G2X530-HAD 20.52						
							G2X535-HAD 20.71						
							G2X540-HAD 20.90						
							G2X545-HAD 21.10						
							G2X550-HAD 21.29						
					ix	Mono c-Si PERC Modules	G2X495-HAB (495 Wp)	G2X505-HAB 21.13		132 (Half Cut Cells)	1500	29.09.2023	28.09.2027
							G2X500-HAB 20.92						
							G2X495-HAB 20.71						
							G2X490-HAB 20.50						
							G2X485-HAB 20.29						
							G2X460-HAA 21.09						
					x	Mono c-Si PERC Modules	G2X450-HAA (450 Wp)	G2X455-HAA 20.87		120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
							G2X450-HAA 20.64						
							G2X445-HAA 20.41						
							G2X440-HAA 20.18						
							G2X415-HAY 21.06						
							G2X410-HAY 20.80						
					xi	Mono c-Si PERC Modules	G2X405-HAY (405 Wp)	G2X405-HAY 20.55		108 (Half Cut Cells)	1500	29.09.2023	28.09.2027
							G2X400-HAY 20.30						
							G2X390-HAY 19.79						
							G2X365-HAX 20.71						
							G2X360-HAX 20.43						
							G2X355-HAX 20.14						
					xii	Mono c-Si PERC Modules	G2X360-HAX (360 Wp)	G2X350-HAX 19.86		96 (Half Cut Cells)	1500	29.09.2023	28.09.2027
							G2X350-HAX 19.03						
							GS-410-AAA 19.26						
							GS-415-AAA 19.26						
							GS-420-AAA 19.49						
							GS-425-AAA 19.72						
							GS-430-AAA 19.95						
					xiii	Mono c-Si PERC Modules	GS-420-AAA (420 Wp)	GS-380-AAB 19.13		78 (Full Cells)	1500	29.09.2023	28.09.2027
							GS-385-AAB 19.39						
							GS-390-AAB 19.64						
							GS-395-AAB 19.89						
							GS-400-AAB 20.14						
							GS-405-AAB 20.39						
							GS-410-AAB 20.64						
							GS-415-AAB 20.90						
							GS-420-AAB 21.15						
					xiv	Mono c-Si PERC Modules	GS-400-AAB (400 Wp)	GS-350-AAC 19.13		72 (Full Cells)	1500	29.09.2023	28.09.2027
							GS-355-AAC 19.40						
							GS-360-AAC 19.67						
							GS-365-AAC 19.95						
							GS-370-AAD 19.16						
							GS-325-AAD 19.46						
							GS-330-AAD 19.76						
							GS-335-AAD 20.06						
							GS-290-AAE 19.21						
					xvii	Mono c-Si PERC Modules	GS-295-AAE (295 Wp)	GS-295-AAE 19.54		54 (Full Cells)	1500	29.09.2023	28.09.2027
							GS-300-AAE 19.87						
							GS-260-AAF 19.26						
							GS-265-AAF 19.63						
							GS-230-AAG 19.33						
					xviii	Mono c-Si PERC Modules	GS-260-AAF (260 Wp)	GS-195-AAH 19.26		48 (Full Cells)	1500	29.09.2023	28.09.2027
							GS-200-AAH 19.75						
							GS-205-AAH 20.25						
							GS-210-AAH 20.74						
							G2X590-HAD 22.82						
							G2X1767-UHAD 22.78						
							G2X588-HAD 22.74						

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxi	N-Type TOPCon Module	G2X575-HAD (575Wp) (551Wp-590Wp)	G2X587-HAD G2X1758T-UHAD G2X585-HAD G2X1752-UHAD G2X583-HAD G2X582-HAD G2X1743T-UHAD G2X580-HAD G2X1737-UHAD G2X578-HAD G2X577-HAD G2X1728T-UHAD G2X575-HAD G2X1722-UHAD G2X573-HAD G2X572-HAD G2X1713T-UHAD G2X570-HAD G2X1707-UHAD G2X568-HAD G2X567-HAD G2X1698T-UHAD G2X565-HAD G2X1692-UHAD G2X563-HAD G2X562-HAD G2X1683T-UHAD G2X560-HAD G2X1677-UHAD G2X558-HAD G2X557-HAD G2X1668T-UHAD G2X555-HAD G2X1662-UHAD G2X553-HAD G2X552-HAD G2X1653T-UHAD	22.70 22.66 22.63 22.59 22.55 22.51 22.47 22.43 22.39 22.36 22.32 22.28 22.24 22.20 22.16 22.12 22.08 22.05 22.01 21.97 21.93 21.89 21.85 21.81 21.78 21.74 21.70 21.66 21.62 21.58 21.54 21.50 21.47 21.43 21.39 21.35 21.31	144 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xxii	N-Type TOPCon Module	G2X480-HAA (480 Wp) (461Wp-495Wp)	G2X495-HAA G2X1482-UHAA G2X493-HAA G2X492-HAA G2X1473T-UHAA G2X490-HAA G2X1467-UHAA G2X488-HAA G2X487-HAA G2X1458T-UHAA G2X485-HAA G2X1452-UHAA G2X483-HAA G2X482-HAA G2X1443T-UHAA G2X480-HAA G2X1437-UHAA G2X478-HAA G2X477-HAA G2X1428T-UHAA G2X475-HAA G2X1422-UHAA G2X473-HAA G2X472-HAA G2X1413T-UHAA G2X470-HAA G2X1407-UHAA G2X468-HAA G2X467-HAA	22.70 22.65 22.61 22.56 22.52 22.47 22.42 22.38 22.33 22.29 22.24 22.19 22.15 22.10 22.06 22.01 21.97 21.92 21.87 21.83 21.78 21.74 21.69 21.64 21.60 21.55 21.51 21.46 21.42	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								G2X1398T-UHAA	21.37				
								G2X465-HAA	21.32				
								G2X1392-UHAA	21.28				
								G2X463-HAA	21.23				
								G2X462-HAA	21.19				
								G2X1383T-UHAA	21.14				
								G2X450-HAY	22.83				
								G2X1347-UHAY	22.78				
								G2X448-HAY	22.73				
								G2X447-HAY	22.68				
								G2X1338T-UHAY	22.63				
								G2X445-HAY	22.58				
								G2X1332-UHAY	22.53				
								G2X443-HAY	22.48				
								G2X442-HAY	22.43				
								G2X1323T-UHAY	22.38				
								G2X440-HAY	22.32				
								G2X1317-UHAY	22.27				
								G2X438-HAY	22.22				
								G2X437-HAY	22.17				
								G2X1308T-UHAY	22.12				
								G2X435-HAY	22.07				
								G2X1302-UHAY	22.02				
								G2X433-HAY	21.97				
								G2X432-HAY	21.92				
								G2X1293T-UHAY	21.87				
								G2X430-HAY	21.82				
								G2X1287-UHAY	21.77				
								G2X428-HAY	21.72				
								G2X427-HAY	21.67				
								G2X1278T-UHAY	21.61				
								G2X425-HAY	21.56				
								G2X1272-UHAY	21.51				
								G2X423-HAY	21.46				
								G2X422-HAY	21.41				
								G2X1263T-UHAY	21.36				
								G2X420-HAY	21.31				
								G2X1257-UHAY	21.26				
								G2X418-HAY	21.21				
								G2X417-HAY	21.16				
								G2X1248T-UHAY	21.11				
								G2G1770-HAD	22.82				
								G2G1767-UHAD	22.78				
								G2G1764N-UHAD	22.74				
								G2G1761B-UHAD	22.70				
								G2G1758NB-UHAD	22.66				
								G2G1755-HAD	22.63				
								G2G1752-UHAD	22.59				
								G2G1749N-UHAD	22.55				
								G2G1746B-UHAD	22.51				
								G2G1743NB-UHAD	22.47				
								G2G1740-HAD	22.43				
								G2G1737-UHAD	22.39				
								G2G1734N-UHAD	22.36				
								G2G1731B-UHAD	22.32				
								G2G1728NB-UHAD	22.28				
								G2G1725-HAD	22.24				
								G2G1722-UHAD	22.20				
								G2G1719N-UHAD	22.16				
								G2G1716B-UHAD	22.12				
								G2G1713NB-UHAD	22.08				
								G2G1710-HAD	22.05				
								G2G1707-UHAD	22.01				
								G2G1704N-UHAD	21.97				
								G2G1701B-UHAD	21.93				
								G2G1635-HAB	22.80				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity			
												From	To (subject to valid BIS Registration; else deemed to be delisted)		
					xxv	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1560-HAB (520Wp) (496Wp - 545Wp)	G2G1632-UHAB	22.76	132 (Half Cut Cells)	1500	29.09.2023	28.09.2027		
														G2G1629N-UHAB	22.72
														G2G1626B-UHAB	22.67
														G2G1623NB-UHAB	22.63
														G2G1620-HAB	22.59
														G2G1617-UHAB	22.55
														G2G1614N-UHAB	22.51
														G2G1611B-UHAB	22.46
														G2G1608NB-UHAB	22.42
														G2G1605-HAB	22.38
														G2G1602-UHAB	22.34
														G2G1599N-UHAB	22.30
														G2G1596B-UHAB	22.26
														G2G1593NB-UHAB	22.21
														G2G1590-HAB	22.17
														G2G1587-UHAB	22.13
														G2G1584N-UHAB	22.09
														G2G1581B-UHAB	22.05
														G2G1578NB-UHAB	22.00
														G2G1575-HAB	21.96
														G2G1572-UHAB	21.92
														G2G1569N-UHAB	21.88
														G2G1566B-UHAB	21.84
														G2G1563NB-UHAB	21.79
														G2G1560-HAB	21.75
														G2G1557-UHAB	21.71
														G2G1554N-UHAB	21.67
														G2G1551B-UHAB	21.63
														G2G1548NB-UHAB	21.59
														G2G1545-HAB	21.54
														G2G1542-UHAB	21.50
														G2G1539N-UHAB	21.46
														G2G1536B-UHAB	21.42
														G2G1533NB-UHAB	21.38
														G2G1530-HAB	21.33
														G2G1527-UHAB	21.29
														G2G1524N-UHAB	21.25
														G2G1521B-UHAB	21.21
														G2G1518NB-UHAB	21.17
														G2G1515-HAB	21.13
														G2G1512-UHAB	21.08
														G2G1509N-UHAB	21.04
							G2G1506B-UHAB	21.00							
							G2G1503NB-UHAB	20.96							
							G2G1500-HAB	20.92							
							G2G1497-UHAB	20.87							
							G2G1494N-UHAB	20.83							
							G2G1491B-UHAB	20.79							
							G2G1488NB-UHAB	20.75							
							G2G1485-HAB	20.71							
					xxvi	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1470-HAB (490Wp) (470Wp - 495Wp)	G2G1482-UHAB	20.67	132 (Half Cut Cells)	1500	29.09.2023	28.09.2027		
														G2G1479N-UHAB	20.62
														G2G1476B-UHAB	20.58
														G2G1473NB-UHAB	20.54
														G2G1470-HAB	20.50
														G2G1467-UHAB	20.46
														G2G1464N-UHAB	20.41
														G2G1461B-UHAB	20.37
														G2G1458NB-UHAB	20.33
														G2G1455-HAB	20.29
														G2G1452-UHAB	20.25
														G2G1449N-UHAB	20.21
														G2G1446B-UHAB	20.16
														G2G1443NB-UHAB	20.12
														G2G1440-HAB	20.08
														G2G1425-HAB	19.87

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxvii	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1422-UHAA (474Wp) (451Wp - 495Wp)	G2G1410-HAB	19.66	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
				G2G1485-HAA				22.70					
				G2G1482-UHAA				22.65					
				G2G1479N-UHAA				22.61					
				G2G1476B-UHAA				22.56					
				G2G1473NB-UHAA				22.52					
				G2G1470-HAA				22.47					
				G2G1467-UHAA				22.42					
				G2G1464N-UHAA				22.38					
				G2G1461B-UHAA				22.33					
				G2G1458NB-UHAA				22.29					
				G2G1455-HAA				22.24					
				G2G1452-UHAA				22.19					
				G2G1449N-UHAA				22.15					
				G2G1446B-UHAA				22.10					
				G2G1443NB-UHAA				22.06					
				G2G1440-HAA				22.01					
				G2G1437-UHAA				21.97					
				G2G1434N-UHAA				21.92					
				G2G1431B-UHAA				21.87					
				G2G1428NB-UHAA				21.83					
				G2G1425-HAA				21.78					
				G2G1422-UHAA				21.74					
				G2G1419N-UHAA				21.69					
				G2G1416B-UHAA				21.64					
				G2G1413NB-UHAA				21.60					
				G2G1410-HAA				21.55					
				G2G1407-UHAA				21.51					
				G2G1404N-UHAA				21.46					
				G2G1401B-UHAA				21.42					
				G2G1398NB-UHAA				21.37					
				G2G1395-HAA				21.32					
				G2G1392-UHAA				21.28					
				G2G1389N-UHAA				21.23					
				G2G1386B-UHAA				21.19					
				G2G1383NB-UHAA				21.14					
				G2G1380-HAA				21.09					
				G2G1377-UHAA				21.05					
				G2G1374N-UHAA				21.00					
				G2G1371B-UHAA				20.96					
				G2G1368NB-UHAA				20.91					
				G2G1365-HAA				20.87					
				G2G1362-UHAA				20.82					
				G2G1359N-UHAA	20.77								
				G2G1356B-UHAA	20.73								
				G2G1353NB-UHAA	20.68								
				G2G1350-HAA	20.64								
				G2G1347-UHAA	20.59								
				G2G1344N-UHAA	20.54								
				G2G1341B-UHAA	20.50								
				G2G1338NB-UHAA	20.45								
				G2G1335-HAA	20.41								
				G2G1332-UHAA	20.36								
				G2G1329N-UHAA	20.31								
				G2G1326B-UHAA	20.27								
				G2G1323NB-UHAA	20.22								
				G2G1320-HAA	20.18								
				G2G1350-HAY	22.83								
				G2G1347-UHAY	22.78								
				G2G1344N-UHAY	22.73								
				G2G1341B-UHAY	22.68								
				G2G1338NB-UHAY	22.63								
				G2G1335-HAY	22.58								
				G2G1332-UHAY	22.53								
				G2G1329N-UHAY	22.48								
				G2G1326B-UHAY	22.43								

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity		
												From	To (subject to valid BIS Registration; else deemed to be delisted)	
					xxix	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1290-HAY (430Wp) (410Wp - 450Wp)	G2G1323NB-UHAY G2G1320-HAY G2G1317-UHAY G2G1314N-UHAY G2G1311B-UHAY G2G1308NB-UHAY G2G1305-HAY G2G1302-UHAY G2G1299N-UHAY G2G1296B-UHAY G2G1293NB-UHAY G2G1290-HAY G2G1287-UHAY G2G1284N-UHAY G2G1281B-UHAY G2G1278NB-UHAY G2G1275-HAY G2G1272-UHAY G2G1269N-UHAY G2G1266B-UHAY G2G1263NB-UHAY G2G1260-HAY G2G1257-UHAY G2G1254N-UHAY G2G1251B-UHAY G2G1248NB-UHAY G2G1245-HAY G2G1230-HAY	22.38 22.32 22.27 22.22 22.17 22.12 22.07 22.02 21.97 21.92 21.87 21.82 21.77 21.72 21.67 21.61 21.56 21.51 21.46 21.41 21.36 21.31 21.26 21.21 21.16 21.11 21.06 20.80	108 (Half Cut Cells)	1500	29.09.2023	28.09.2027	
					xxx	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1185-HAY (395Wp) (390Wp - 405Wp)	G2G1215-HAY G2G1200-HAY G2G1185-HAY G2G1170-HAY	20.55 20.30 20.04 19.79	108 (Half Cut Cells)	1500	29.09.2023	28.09.2027	
					xxxi	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1155-HAX (385Wp) (371Wp - 400Wp)	G2G1200-HAX G2G1197-UHAX G2G1194N-UHAX G2G1191B-UHAX G2G1188NB-UHAX G2G1185-HAX G2G1182-UHAX G2G1179N-UHAX G2G1176B-UHAX G2G1173NB-UHAX G2G1170-HAX G2G1167-UHAX G2G1164N-UHAX G2G1161B-UHAX G2G1158NB-UHAX G2G1155-HAX G2G1152-UHAX G2G1149N-UHAX G2G1146B-UHAX G2G1143NB-UHAX G2G1140-HAX G2G1125-HAX G2G1122-UHAX G2G1119N-UHAX G2G1116B-UHAX G2G1113NB-UHAX G2G1110-HAX	22.70 22.64 22.58 22.53 22.47 22.41 22.36 22.30 22.24 22.19 22.13 22.07 22.02 21.96 21.90 21.85 21.79 21.73 21.68 21.62 21.56 21.28 21.22 21.17 21.11 21.05 21.00	96 (Half Cut Cells)	1500	29.09.2023	28.09.2027	
								G2G1107-UHAX G2G1104N-UHAX G2G1101B-UHAX G2G1098NB-UHAX G2G1095-HAX G2G1092-UHAX G2G1089N-UHAX	20.94 20.88 20.83 20.77 20.71 20.66 20.60					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxxv	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G885-HAF (295Wp) (281Wp - 305Wp)	G2G903NB-UHAF	22.38	72 (Half Cut Cells)	1500	29.09.2023	28.09.2027
				G2G900-HAF				22.31					
				G2G897-UHAF				22.23					
				G2G894N-UHAF				22.16					
				G2G891B-UHAF				22.08					
				G2G888NB-UHAF				22.01					
				G2G885-HAF				21.93					
				G2G882-UHAF				21.86					
				G2G879N-UHAF				21.79					
				G2G876B-UHAF				21.71					
				G2G873NB-UHAF				21.64					
				G2G870-HAF				21.56					
				G2G867-UHAF				21.49					
				G2G864N-UHAF				21.41					
				G2G861B-UHAF				21.34					
				G2G858NB-UHAF				21.27					
				G2G855-HAF				21.19					
				G2G852-UHAF				21.12					
				G2G849N-UHAF				21.04					
				G2G846B-UHAF				20.97					
				G2G843NB-UHAF	20.89								
				xxxvi	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G810-HAF (270Wp) (260Wp - 280Wp)	G2G840-HAF	20.82	72 (Half Cut Cells)	1500	29.09.2023	28.09.2027	
							G2G825-HAF	20.45					
							G2G810-HAF	20.08					
							G2G795-HAF	19.70					
							G2G780-HAF	19.33					
				xxxvii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1740N-UHAD (580Wp) (567Wp - 590Wp)	G2X1770N-UHAD	22.82	144 (Half Cut Cells)	1500	29.09.2023	28.09.2027	
							G2X1767N-UHAD	22.78					
							G2X1764N-UHAD	22.74					
							G2X1761N-UHAD	22.70					
							G2X1758N-UHAD	22.66					
							G2X1755N-UHAD	22.63					
							G2X1752N-UHAD	22.59					
							G2X1749N-UHAD	22.55					
							G2X1746N-UHAD	22.51					
							G2X1743N-UHAD	22.47					
							G2X1740N-UHAD	22.43					
							G2X1737N-UHAD	22.39					
							G2X1734N-UHAD	22.35					
							G2X1731N-UHAD	22.32					
							G2X1728N-UHAD	22.28					
							G2X1725N-UHAD	22.24					
							G2X1722N-UHAD	22.20					
							G2X1719N-UHAD	22.16					
							G2X1716N-UHAD	22.12					
							G2X1713N-UHAD	22.08					
							G2X1710N-UHAD	22.04					
							G2X1707N-UHAD	22.01					
							G2X1704N-UHAD	21.97					
							G2X1701N-UHAD	21.93					
							xxxviii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)					G2X1590N-UHAB (530Wp) (505Wp - 550Wp)
				G2X1647N-UHAB	22.97								
				G2X1644N-UHAB	22.92								
				G2X1641N-UHAB	22.88								
				G2X1638N-UHAB	22.84								
				G2X1635N-UHAB	22.80								
				G2X1632N-UHAB	22.76								
				G2X1629N-UHAB	22.71								
				G2X1626N-UHAB	22.67								
				G2X1623N-UHAB	22.63								
				G2X1620N-UHAB	22.59								
				G2X1617N-UHAB	22.55								
				G2X1614N-UHAB	22.51								
				G2X1611N-UHAB	22.46								
				G2X1608N-UHAB	22.42								
				G2X1605N-UHAB	22.38								

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								G2X1590N-UHAB	22.17	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X1575N-UHAB	21.96				
								G2X1560N-UHAB	21.75				
								G2X1545N-UHAB	21.54				
								G2X1530N-UHAB	21.33				
								G2X1515N-UHAB	21.12				
					xxxix	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1455N-UHAA (485Wp) (470Wp - 500Wp)	G2X1500N-UHAA	22.93				
								G2X1497N-UHAA	22.88				
								G2X1494N-UHAA	22.84				
								G2X1491N-UHAA	22.79				
								G2X1488N-UHAA	22.74				
								G2X1485N-UHAA	22.70				
								G2X1482N-UHAA	22.65				
								G2X1479N-UHAA	22.61				
								G2X1476N-UHAA	22.56				
								G2X1473N-UHAA	22.51				
								G2X1470N-UHAA	22.47				
								G2X1467N-UHAA	22.42				
								G2X1464N-UHAA	22.38				
								G2X1461N-UHAA	22.33				
								G2X1458N-UHAA	22.29				
								G2X1455N-UHAA	22.24				
								G2X1440N-UHAA	22.01				
								G2X1425N-UHAA	21.78				
					G2X1410N-UHAA	21.55							
					XL	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1320N-UHAY (440Wp) (425Wp - 450Wp)	G2X1350N-UHAY	22.83				
								G2X1347N-UHAY	22.78				
								G2X1344N-UHAY	22.73				
								G2X1341N-UHAY	22.68				
								G2X1338N-UHAY	22.63				
								G2X1335N-UHAY	22.58				
								G2X1332N-UHAY	22.53				
								G2X1329N-UHAY	22.48				
								G2X1326N-UHAY	22.43				
								G2X1323N-UHAY	22.37				
								G2X1320N-UHAY	22.32				
								G2X1305N-UHAY	22.07				
					G2X1290N-UHAY	21.82							
					G2X1275N-UHAY	21.56							
					XLI	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1170N-UHAX (390Wp) (380Wp - 400Wp)	G2X1200N-UHAX	22.70				
								G2X1185N-UHAX	22.41				
								G2X1170N-UHAX	22.13				
								G2X1155N-UHAX	21.85				
								G2X1140N-UHAX	21.56				
					XLII	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1035N-UHAC (345Wp) (335Wp - 350Wp)	G2X1050N-UHAC	22.53				
								G2X1035N-UHAC	22.21				
								G2X1020N-UHAC	21.88				
G2X1005N-UHAC	21.56												
XLIII	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X885N-UHAF (295Wp) (285Wp - 305Wp)	G2X915N-UHAF	22.68									
			G2X900N-UHAF	22.31									
			G2X885N-UHAF	21.93									
			G2X870N-UHAF	21.56									
			G2X855N-UHAF	21.19									
9	Novasys Greenergy Pvt. Ltd	Khasra No. 185, Mouza: Mahalgaon, Tehsil: Kamptee, Naggpur-441202, Maharashtra	R-71010499	442	i	Mono c-Si PERC Modules	NOVA195MP36 (195Wp)	NOVA195MP36	19.4	36 (Full Cell)	1500	10.11.2023	09.11.2027
								NOVA255MP48	19.2				
					ii	Mono c-Si PERC Modules	NOVA250MP48 (250Wp)	NOVA260MP48	19.6	48 (Full Cell)	1500	10.11.2023	09.11.2027
								NOVA315MP60	19.2				
					iii	Mono c-Si PERC Modules	NOVA320MP60 (320Wp)	NOVA320MP60	19.5	60 (Full Cell)	1500	10.11.2023	09.11.2027
								NOVA325MP60	19.8				
								NOVA330MP60	20.1				
								NOVA340MP66	19				
					iv	Mono c-Si PERC Modules	NOVA350MP66 (350Wp)	NOVA345MP66	19.3	66 (Full Cell)	1500	10.11.2023	09.11.2027
								NOVA350MP66	19.6				

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
								NOVA355MP66	19.9				
								NOVA360MP66	20.1				
					v	Mono c-Si PERC Modules	NOVA290MP54 (290Wp)	NOVA285MP54	19.2	54 (Full Cell)	1500	10.11.2023	09.11.2027
							NOVA290MP54	19.5					
							NOVA295MP54	19.9					
							NOVA380MP72	19.14					
							NOVA385MP72	19.4					
					vi	Mono c-Si PERC Modules	NOVA380MP72 (380Wp)	NOVA390MP72	19.65	72 (Full Cells)	1500	10.11.2023	09.11.2027
							NOVA395MP72	19.9					
							NOVA380MP144	19					
					vii	Mono c-Si PERC Modules	NOVA380MP144 (380Wp)	NOVA385MP144	19.3	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							NOVA390MP144	19.5					
							NOVA395MP144	19.8					
					viii	Mono c-Si PERC Modules	NOVA350MP96 (350 Wp)	NOVA335MP96	19.06	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							NOVA340MP96	19.35					
							NOVA345MP96	19.63					
							NOVA350MP96	19.92					
							NOVA355MP96	20.21					
							NOVA360MP96	20.5					
							NOVA365MP96	20.78					
					ix	Mono c-Si PERC Modules	NOVA265MP72 (265 Wp)	NOVA255MP72	19.06	72 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							NOVA260MP72	19.45					
							NOVA265MP72	19.81					
							NOVA270MP72	20.19					
							NOVA275MP72	20.57					
					x	Mono c-Si PERC Modules	NOVA390MP108 (390 Wp)	NOVA375MP108	19.11	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							NOVA380MP108	19.37					
							NOVA385MP108	19.63					
							NOVA390MP108	19.88					
							NOVA395MP108	20.14					
							NOVA400MP108	20.4					
							NOVA405MP108	20.66					
					xi	Mono c-Si PERC Modules	NOVA415MP108 (415 Wp)	NOVA410MP108	20.91	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							NOVA415MP108	21.17					
					xii	Mono c-Si PERC Modules	NOVA435MP120 (435 Wp)	NOVA415MP120	19.11	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							NOVA420MP120	19.34					
							NOVA425MP120	19.57					
							NOVA430MP120	19.8					
							NOVA435MP120	20.03					
							NOVA440MP120	20.26					
							NOVA445MP120	20.49					
							NOVA450MP120	20.72					
					xiii	Mono c-Si PERC Modules	NOVA460MP 120 (460 Wp)	NOVA455MP120	20.95	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							NOVA460MP 120	21.18					
					xiv	Mono c-Si PERC Modules	NOVA475MP132 (475 Wp)	NOVA455MP132	19.2	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							NOVA460MP132	19.41					
							NOVA465MP132	19.62					
							NOVA470MP132	19.83					
							NOVA475MP132	20.04					
							NOVA480MP132	20.25					
							NOVA485MP132	20.46					
							NOVA490MP132	20.67					
							NOVA495MP132	20.89					
					xv	Mono c-Si PERC Modules	NOVA500MP132 (500 Wp)	NOVA500MP132	21.1	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							NOVA505MP132	21.31					
							NOVA495MP144	19.16	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027	
							NOVA500MP144	19.35					
							NOVA505MP144	19.54					
							NOVA510MP144	19.74					
							NOVA515MP144	19.94					
							NOVA520MP144	20.13					

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xvi	Mono c-Si PERC Modules	NOVA520MP144 (520 Wp)	NOVA525MP144	20.31	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA530MP144	20.51				
								NOVA535MP144	20.7				
								NOVA540MP144	20.89				
								NOVA545MP144	21.09				
					xvii	Mono c-Si PERC Modules	NOVA550MP144 (550Wp)	NOVA550MP144	21.28	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xviii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA265BF72 (265 Wp)	NOVA260BF72	19.43	72 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								NOVA265BF72	19.80				
								NOVA270BF72	20.18				
								NOVA275BF72	20.55				
					xix	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA355BF96 (355 Wp)	NOVA345BF96	19.63	96 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								NOVA350BF96	19.91				
								NOVA355BF96	20.20				
								NOVA360BF96	20.48				
								NOVA365BF96	20.77				
					xx	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA400BF108 (400 Wp)	NOVA380BF108	19.37	108 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								NOVA385BF108	19.62				
								NOVA390BF108	19.88				
								NOVA395BF108	20.13				
								NOVA400BF108	20.39				
								NOVA405BF108	20.64				
								NOVA410BF108	20.90				
								NOVA415BF108	21.15				
					xxi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA440BF120 (440 Wp)	NOVA425BF120	19.57	120 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								NOVA430BF120	19.80				
								NOVA435BF120	20.03				
								NOVA440BF120	20.26				
								NOVA445BF120	20.49				
NOVA450BF120	20.72												
NOVA455BF120	20.95												
NOVA460BF120	21.18												
xxii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA485BF132 (485 Wp)	NOVA465BF132	19.58	132 (Half Cut Cell)	1500	10.11.2023	09.11.2027					
			NOVA470BF132	19.79									
			NOVA475BF132	20.00									
			NOVA480BF132	20.21									
			NOVA485BF132	20.42									
			NOVA490BF132	20.63									
			NOVA495BF132	20.84									
			NOVA500BF132	21.06									
xxiii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA535BF144 (535 Wp)	NOVA505BF132	21.27	144 (Half Cut Cell)	1500	10.11.2023	09.11.2027					
			NOVA520BF144	20.13									
			NOVA525BF144	20.32									
			NOVA530BF144	20.52									
			NOVA535BF144	20.71									
			NOVA540BF144	20.90									
			NOVA545BF144	21.10									
			NOVA550BF144	21.29									
10	M/s. Pahal Solar Private Limited	Ground Floor, Block No. 71, 72 Plot No. 167 to 171, 180 to 189, 19, E-172, 173,178, 179. Opp. Shiv Shakti Estate, Olpad, Surat-394540, Gujarat, India	R-72001848	282	i	Mono c-Si PERC Modules	PS_540 (540Wp)	PS_550	21.29	144 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								PS_545	21.09				
								PS_540	20.9				
								PS_535	20.71				
								PS_530	20.51				
								PS_525	20.32				
					ii	Mono c-Si PERC Modules	PS_500 (500Wp)	PS_500	19.35	132 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								PS_495	19.16				
								PS_445	20.37				
					iii	Mono c-Si PERC Modules	PS_445 (445Wp)	PS_440	20.14	144 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								PS_435	19.91				
								PS_430	19.68				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iv	Mono c-Si PERC Modules	PS_415 (415 Wp)	PS_415	19	132 (Half Cut Cell)	1500	10.11.2023	09.11.2027
					v	Mono c-Si PERC Modules	PS_370 (370 Wp)	PS_380	19.53	132 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								PS_375	19.28				
					vi	Bifacial N-type TOPCon Modules	PSN_155 (155Wp)	PS_370	19.02	40 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_150	19.90				
								PSN_155	20.56				
					vii	Bifacial N-type TOPCon Modules	PSN_210 (210Wp)	PSN_160	21.22	56 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_200	19.28				
								PSN_205	19.76				
								PSN_210	20.24				
								PSN_215	20.72				
					viii	Bifacial N-type TOPCon Modules	PSN_255 (255Wp)	PSN_220	21.21	64 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_245	20.79				
								PSN_250	21.22				
								PSN_255	21.64				
								PSN_260	22.06				
					ix	Bifacial N-type TOPCon Modules	PSN_280 (280Wp)	PSN_265	22.49	72 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_270	20.38				
								PSN_275	20.76				
								PSN_280	21.13				
								PSN_285	21.51				
					x	Bifacial N-type TOPCon Modules	PSN_305 (305Wp)	PSN_290	21.89	80 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_295	20.18				
								PSN_300	20.52				
								PSN_305	20.86				
								PSN_310	21.21				
					xi	Bifacial N-type TOPCon Modules	PSN_335 (335Wp)	PSN_315	21.55	84 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_320	20.87				
								PSN_325	21.19				
								PSN_330	21.52				
								PSN_335	21.85				
					xii	Bifacial N-type TOPCon Modules	PSN_360 (360Wp)	PSN_340	22.17	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_345	22.50				
								PSN_350	20.06				
								PSN_355	20.35				
								PSN_360	20.64				
					xiii	Bifacial N-type TOPCon Modules	PSN_380 (380Wp)	PSN_365	20.92	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_370	21.21				
								PSN_375	21.50				
								PSN_380	21.78				
								PSN_385	22.07				
					xiv	Bifacial N-type TOPCon Modules	PSN_410 (410Wp)	PSN_390	22.36	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_400	20.48				
								PSN_405	20.74				
								PSN_410	20.99				
								PSN_415	21.25				
					xv	Bifacial N-type TOPCon Modules	PSN_435 (435Wp)	PSN_420	21.50	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_425	21.76				
								PSN_430	22.02				
								PSN_435	22.27				
								PSN_440	22.53				
					xvi	Bifacial N-type TOPCon	PSN_480	PSN_445	22.78	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_450	23.04				
								PSN_460	21.26				
								PSN_465	21.49				
								PSN_470	21.72				
							PSN_475	21.95					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					v	(Glass to Transparent Backsheet)	PIX MBHTB 120 600 (600Wp)	PIX MBHTB 120 585 PIX MBHTB 120 590 PIX MBHTB 120 595 PIX MBHTB 120 600	20.46 20.64 20.81 20.99	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					vi	Mono c-Si PERC Module	PIX MPH 108 530 (530Wp)	PIX MPH 108 510 PIX MPH 108 515 PIX MPH 108 520 PIX MPH 108 525 PIX MPH 108 530 PIX MPH 108 535 PIX MPH 108 540	19.76 19.95 20.14 20.34 20.53 20.73 20.92	108 (half cut cell)	1500	10.11.2023	09.11.2027
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 108 530 (530Wp)	PIX MPH 108 510 PIX MPH 108 515 PIX MPH 108 520 PIX MPH 108 525 PIX MPH 108 530 PIX MPH 108 535 PIX MPH 108 540	19.76 19.95 20.14 20.34 20.53 20.73 20.92	108 (Half cut cell)	1500	10.11.2023	09.11.2027
					viii	Mono c-Si PERC Module	PIX MPH 156 585 (585Wp)	PIX MPH 156 560 PIX MPH 156 565 PIX MPH 156 570 PIX MPH 156 575 PIX MPH 156 580 PIX MPH 156 585 PIX MPH 156 590	20.00 20.18 20.36 20.54 20.71 20.89 21.07	156 (Half cut cells)	1500	10.11.2023	09.11.2027
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 156 585 (585Wp)	PIX MPH 156 595 PIX MBHTB 156 560 PIX MBHTB 156 565 PIX MBHTB 156 570 PIX MBHTB 156 575 PIX MBHTB 156 580 PIX MBHTB 156 585	21.25 20.00 20.18 20.36 20.54 20.71 20.89	156 (Half cut cells)	1500	10.11.2023	09.11.2027
					x	Mono c-Si PERC Module	PIX MPH 144 535 (535Wp)	PIX MPH 144 510 PIX MPH 144 515 PIX MPH 144 520 PIX MPH 144 525 PIX MPH 144 530 PIX MPH 144 535 PIX MPH 144 540 PIX MPH 144 545	19.74 19.94 20.13 20.32 20.52 20.71 20.90 21.09	144 (Half cut cells)	1500	10.11.2023	09.11.2027
					xi	Mono c-Si PERC Module	PIX MPH 144 535 (535Wp)	PIX MPH 144 510 PIX MPH 144 515 PIX MPH 144 520 PIX MPH 144 525 PIX MPH 144 530 PIX MPH 144 535 PIX MPH 144 540 PIX MPH 144 545	19.74 19.94 20.13 20.32 20.52 20.71 20.90 21.09	144 (Half cut cells)	1500	10.11.2023	09.11.2027
					xii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 144 535 (535Wp)	PIX MBHTB 144 510 PIX MBHTB 144 515 PIX MBHTB 144 520 PIX MBHTB 144 525 PIX MBHTB 144 530 PIX MBHTB 144 535 PIX MBHTB 144 540 PIX MBHTB 144 545	19.74 19.94 20.13 20.32 20.52 20.71 20.90 21.09	144 (Half cut cells)	1500	10.11.2023	09.11.2027
					xiii	Mono c-Si PERC Module	PIX MPH 132 490 (490 Wp)	PIX MPH 132 470 PIX MPH 132 475 PIX MPH 132 480 PIX MPH 132 485 PIX MPH 132 490 PIX MPH 132 495 PIX MPH 132 500	19.74 19.95 20.16 20.37 20.58 20.79 21.00	132 (Half cut cell)	1500	10.11.2023	09.11.2027
							PIX MBHTB 132 470	19.74					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xiv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 132 490 (490 Wp)	PIX MBHTB 132 475 PIX MBHTB 132 480 PIX MBHTB 132 485 PIX MBHTB 132 490 PIX MBHTB 132 495 PIX MBHTB 132 500	19.95 20.16 20.37 20.58 20.79 21.00	132 (Half cut cell)	1500	10.11.2023	09.11.2027
					xv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 156 575 (575 Wp)	PIX MBHDTB 156 560 PIX MBHDTB 156 565 PIX MBHDTB 156 570 PIX MBHDTB 156 575 PIX MBHDTB 156 580 PIX MBHDTB 156 585 PIX MBHDTB 156 590 PIX MBHDTB 156 595	20.00 20.18 20.36 20.54 20.72 20.89 21.07 21.25	156 (Half cut cells)	1500	10.11.2023	09.11.2027
					xvi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 144 525 (525 Wp)	PIX MBHDTB 144 510 PIX MBHDTB 144 515 PIX MBHDTB 144 520 PIX MBHDTB 144 525 PIX MBHDTB 144 530 PIX MBHDTB 144 535 PIX MBHDTB 144 540 PIX MBHDTB 144 545	19.74 19.94 20.13 20.32 20.52 20.71 20.90 21.10	144 (Half cut cells)	1500	10.11.2023	09.11.2027
					xvii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 132 485 (485 Wp)	PIX MBHDTB 132 470 PIX MBHDTB 132 475 PIX MBHDTB 132 480 PIX MBHDTB 132 485 PIX MBHDTB 132 490 PIX MBHDTB 132 495 PIX MBHDTB 132 500	19.75 19.96 20.17 20.38 20.59 20.80 21.01	132 (Half cut cells)	1500	10.11.2023	09.11.2027
					xviii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 120 440 (440 Wp)	PIX MBHDTB 120 420 PIX MBHDTB 120 425 PIX MBHDTB 120 430 PIX MBHDTB 120 435 PIX MBHDTB 120 440 PIX MBHDTB 120 445 PIX MBHDTB 120 450 PIX MBHDTB 120 455	19.35 19.58 19.81 20.04 20.27 20.50 20.73 20.96	120 (Half cut cells)	1500	10.11.2023	09.11.2027
					xix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 108 395 (395 Wp)	PIX MBHDTB 108 375 PIX MBHDTB 108 380 PIX MBHDTB 108 385 PIX MBHDTB 108 390 PIX MBHDTB 108 395 PIX MBHDTB 108 400 PIX MBHDTB 108 405 PIX MBHDTB 108 410	19.10 19.36 19.61 19.87 20.12 20.38 20.63 20.89	108 (Half cut cells)	1500	10.11.2023	09.11.2027
					xx	Mono c-Si PERC Module	PIX MPH D 156 575 (575 Wp)	PIX MPH D 156 560 PIX MPH D 156 565 PIX MPH D 156 570 PIX MPH D 156 575 PIX MPH D 156 580 PIX MPH D 156 585 PIX MPH D 156 590 PIX MPH D 156 595	20.00 20.18 20.36 20.54 20.72 20.89 21.07 21.25	156 (Half cut cells)	1500	10.11.2023	09.11.2027
					xxi	Mono c-Si PERC Module	PIX MPH D 144 530 (530 Wp)	PIX MPH D 144 510 PIX MPH D 144 515 PIX MPH D 144 520 PIX MPH D 144 525 PIX MPH D 144 530 PIX MPH D 144 535 PIX MPH D 144 540 PIX MPH D 144 545	19.74 19.94 20.13 20.32 20.52 20.71 20.90 21.10	144 (Half cut cells)	1500	10.11.2023	09.11.2027
					xxii	Mono c-Si PERC Module	PIX MPH D 132 490 (490 Wp)	PIX MPH D 132 470 PIX MPH D 132 475 PIX MPH D 132 480 PIX MPH D 132 485 PIX MPH D 132 490	19.75 19.96 20.17 20.38 20.59	132 (Half cut cells)	1500	10.11.2023	09.11.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity			
												From	To (subject to valid BIS Registration; else deemed to be delisted)		
								PIX MPH 132 495 PIX MPH 132 500 PIX MPH 120 420 PIX MPH 120 425 PIX MPH 120 430 PIX MPH 120 435 PIX MPH 120 440 PIX MPH 120 445 PIX MPH 120 450 PIX MPH 120 455 PIX MPH 108 375 PIX MPH 108 380 PIX MPH 108 385 PIX MPH 108 390 PIX MPH 108 395 PIX MPH 108 400 PIX MPH 108 405 PIX MPH 108 410	20.80 21.01 19.35 19.58 19.81 20.04 20.27 20.50 20.73 20.96 19.10 19.36 19.61 19.87 20.12 20.38 20.63 20.89						
					xxiii	Mono c-Si PERC Module	PIX MPH 120 440 (440 Wp)			120 (Half cut cells)	1500	10.11.2023	09.11.2027		
					xxiv	Mono c-Si PERC Module	PIX MPH 108 395 (395 Wp)			108 (Half cut cells)	1500	10.11.2023	09.11.2027		
12	Alpex Solar Pvt. Ltd.	Plot No. I-25 & I-26, UPSIDC, Site-5, Kasna, Greater Noida, Uttar Pradesh-201306	R-93007480	423	i	Mono c-Si PERC Module	ALP380WM, (380Wp-385Wp)	ALP380WM (380 Wp)	19.38	72 (Full Cells)	1500	10.11.2023	09.11.2027		
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP24L565WM-T (565 Wp)	ALP385WM (385 Wp) ALP24L540WM-T ALP24L545WM-T ALP24L550WM-T ALP24L555WM-T ALP24L560WM-T ALP24L565WM-T ALP24L570WM-T ALP24L575WM-T ALP24L580WM-T ALP24L585WM-T ALP24L590WM-T	19.64 20.90 21.10 21.29 21.48 21.68 21.87 22.07 22.26 22.45 22.65 22.84	144 ((Half Cut Cells))	1500	10.11.2023	09.11.2027		
					iii	Mono c-Si PERC Module	ALP24L540WM (540Wp)	ALP24L520WM ALP24L525WM ALP24L530WM ALP24L535WM ALP24L540WM ALP24L545WM ALP24L550WM ALP24L555WM ALP24L560WM	20.13 20.32 20.52 20.71 20.90 21.10 21.29 21.48 21.68	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027		
					iv	Mono c-Si PERC Module	ALP22L495WM (495Wp)	ALP22L480WM ALP22L485WM ALP22L490WM ALP22L495WM ALP22L500WM ALP22L505WM ALP22L510WM ALP22L515WM	20.21 20.42 20.64 20.85 21.06 21.27 21.48 21.69	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027		
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP22L510WM-T (510Wp)	ALP22L495WM-T ALP22L500WM-T ALP22L505WM-T ALP22L510WM-T ALP22L515WM-T	20.85 21.06 21.27 21.48 21.69	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027		
					vi	Mono c-Si PERC Module	ALP20L455WM (455Wp)	ALP20L435WM ALP20L440WM ALP20L445WM ALP20L450WM ALP20L455WM ALP20L460WM ALP20L465WM ALP20L470WM ALP20L475WM ALP20L450WM-T	20.06 20.29 20.52 20.75 20.99 21.22 21.45 21.68 21.91 20.75	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP20L465WM-T (465Wp)	ALP20L455WM-T ALP20L460WM-T ALP20L465WM-T ALP20L470WM-T ALP20L475WM-T ALP18L390WM	20.99 21.22 21.45 21.68 21.91 19.95	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					viii	Mono c-Si PERC Module	ALP18L410WM (410Wp)	ALP18L395WM ALP18L400WM ALP18L405WM ALP18L410WM ALP18L415WM ALP18L420WM ALP18L425WM ALP18L405WM-T	20.20 20.46 20.72 20.97 21.23 21.48 21.74 20.72	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP18L415WM-T (415Wp)	ALP18L410WM-T ALP18L415WM-T ALP18L420WM-T ALP18L425WM-T	20.97 21.23 21.48 21.74	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					x	Mono c-Si PERC Module	ALP16L360WM (360Wp)	ALP16L345WM ALP16L350WM ALP16L355WM ALP16L360WM ALP16L365WM ALP16L370WM ALP16L375WM	19.75 20.04 20.33 20.61 20.90 21.19 21.47	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP16L365WM-T (365Wp)	ALP16L360WM-T ALP16L365WM-T ALP16L370WM-T ALP16L375WM-T	20.61 20.90 21.19 21.47	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xii	Mono c-Si PERC Module	ALP14L325WM (325Wp)	ALP14L310WM ALP14L315WM ALP14L320WM ALP14L325WM ALP14L330WM ALP14L335WM ALP14L340WM	20.17 20.5 20.83 21.15 21.48 21.8 22.13	84 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xiii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP14L325WM-T (325Wp)	ALP14L315WM-T ALP14L320WM-T ALP14L325WM-T ALP14L330WM-T ALP14L335WM-T ALP14L340WM-T	20.50 20.83 21.15 21.48 21.80 22.13	84 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xiv	Mono c-Si PERC Module	ALP12L275WM (275Wp)	ALP12L265WM ALP12L270WM ALP12L275WM ALP12L280WM ALP12L285WM	19.97 20.35 20.73 21.10 21.48	72 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP12L275WM-T (275Wp)	ALP12L270WM-T ALP12L275WM-T ALP12L280WM-T ALP12L285WM-T	20.35 20.73 21.10 21.48	72 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xvi	Mono c-Si PERC Module	ALP11L235WM (235Wp)	ALP11L225WM ALP11L230WM ALP11L235WM ALP11L240WM ALP11L245WM	19.02 19.45 19.87 20.29 20.71	64 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xvii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP11L245WM-T (245Wp)	ALP11L240WM-T ALP11L245WM-T ALP11L250WM-T	20.29 20.71 21.14	64 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xviii	Mono c-Si PERC Module	ALP08L185WM (185Wp)	ALP08L180WM ALP08L185WM ALP08L190WM	19.74 20.29 20.84	48 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP08L185WM-T (185Wp)	ALP08L180WM-T ALP08L185WM-T ALP08L190WM-T	19.74 20.29 20.84	48 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xx	Mono c-Si PERC Module	ALP07L150WM	ALP07L150WM	19.77	40 (Half Cut Cells)	1500	10.11.2023	09.11.2027

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xx	Mono c-Si PERC Module	(150Wp)	ALP07L155WM	20.43	40 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xxi	Bifacial Mono c-Si PERC Module	ALP07L150WM-T (150Wp)	ALP07L150WM-T ALP07L155WM-T	19.77 20.43	40 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xxii	Mono c-Si PERC Module	ALP06L135WM (135Wp)	ALP06L135WM ALP06L140WM	19.20 19.91	36 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xxiii	Bifacial Mono c-Si PERC Module	ALP06L135WM-T (135Wp)	ALP06L135WM-T ALP06L140WM-T	19.20 19.91	36 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xxiv	Mono c-Si PERC Module	ALP05L120WM (120Wp)	ALP05L120WM ALP05L125WM	19.43 20.24	32 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xxv	Bifacial Mono c-Si PERC Module	ALP05L120WM-T (120Wp)	ALP05L120WM-T ALP05L125WM-T	19.43 20.24	32 (Half Cut Cells)	1500	10.11.2023	09.11.2027
13	Vikram Solar Ltd.	B1000A, B1100C, Indospace Industrial Park, Panruti Pvt. Ltd., Survey No-2/A, Sriperumbudur Taluk, Panaiyur Village, Kanchipuram-603302, Tamil Nadu	R-61002070	1408	i	Mono c-Si PERC Modules	SOMERA VSMH.72.550.05 (550 Wp)	SOMERA VSMH.72.555.05 SOMERA VSMH.72.550.05 SOMERA VSMH.72.545.05 SOMERA VSMH.72.540.05	21.52 21.33 21.13 20.94	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					ii	Mono c-Si PERC Modules	SOMERA VSMH.60.455.05 (455 Wp)	SOMERA VSMH.60.460.05 SOMERA VSMH.60.455.05 SOMERA VSMH.60.450.05 SOMERA VSMH.60.445.05	21.28 21.05 20.82 20.59	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					iii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	PARADEA VSM DH.72.545.05 (545 Wp)	PARADEA VSM DH.72.565.05 PARADEA VSM DH.72.560.05 PARADEA VSM DH.72.555.05 PARADEA VSM DH.72.550.05 PARADEA VSM DH.72.545.05 PARADEA VSM DH.72.540.05 PARADEA VSM DH.72.535.05	21.91 21.72 21.52 21.33 21.13 20.94 20.75	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					iv	Mono c-Si PERC Modules	PREXOS VSM DH.72.535.05 (535 Wp)	PREXOS VSM DH.72.535.05 PREXOS VSM DH.72.530.05	20.75 20.55	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					v	Bifacial Mono c-Si PERC Modules	PARADEA VSM DH.66.650.05 (650 Wp)	PARADEA VSM DH.66.660.05 PARADEA VSM DH.66.655.05 PARADEA VSM DH.66.650.05 PARADEA VSM DH.66.645.05 PARADEA VSM DH.66.640.05 PARADEA VSM DH.66.635.05	21.25 21.09 20.92 20.76 20.60 20.44	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					vi	Bifacial Mono c-Si PERC Modules	PARADEA VSM DH.60.590.05 (590 Wp)	PARADEA VSM DH.60.600.05 PARADEA VSM DH.60.595.05 PARADEA VSM DH.60.590.05 PARADEA VSM DH.60.585.05 PARADEA VSM DH.60.580.05	21.20 21.02 20.85 20.67 20.50	120(Half Cut Cells)	1500	10.11.2023	09.11.2027
					vii	Mono c-Si PERC Modules	SOMERA VSMH.66.655.05 (655 Wp)	SOMERA VSMH.66.670.05 SOMERA VSMH.66.665.05 SOMERA VSMH.66.660.05 SOMERA VSMH.66.655.05 SOMERA VSMH.66.650.05 SOMERA VSMH.66.645.05 SOMERA VSMH.66.640.05 SOMERA VSMH.60.610.05	21.57 21.41 21.25 21.09 20.92 20.76 20.60 21.55	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					viii	Mono c-Si PERC Modules	SOMERA VSMH.60.600.05 (600 Wp)	SOMERA VSMH.60.605.05 SOMERA VSMH.60.600.05 SOMERA VSMH.60.595.05 SOMERA VSMH.60.590.05 SOMERA VSMH.60.585.05 SOMERA VSMH.60.580.05	21.20 21.20 21.02 20.85 20.67 20.49	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					ix	Mono c-Si PERC Modules	SOMERA VSMH.72.450.05 (450 Wp)	SOMERA VSMH.72.455.05 SOMERA VSMH.72.450.05 SOMERA VSMH.72.445.05 SOMERA VSMH.72.440.05	20.46 20.23 20.01 19.79	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					x	Bifacial Mono c-Si PERC Modules (Glass to Glass)	PARADEA VSM DH.78.615.03 (600 Wp)	PARADEA VSM DH.78.615.03 PARADEA VSM DH.78.610.04 PARADEA VSM DH.78.605.05 PARADEA VSM DH.78.600.05 PARADEA VSM DH.78.595.05 PARADEA VSM DH.78.590.05 PARADEA VSM DH.78.585.05 PARADEA VSM DH.78.580.05 HYPER SOL VSM DH.72.610.05	22.08 21.90 21.72 21.54 21.36 21.18 21.00 20.83 23.61	156 (Half Cut Cells)	1500	10.11.2023	09.11.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity		
												From	To (subject to valid BIS Registration; else deemed to be delisted)	
					xii	Bifacial N Type TOPCon Modules (Glass to Glass)	HYPER SOL VSM DH.72.585.05 (585 Wp)	HYPER SOL VSM DH.72.605.05	23.42	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027	
								HYPER SOL VSM DH.72.600.05	23.23					
								HYPER SOL VSM DH.72.595.05	23.03					
								HYPER SOL VSM DH.72.590.05	22.84					
								HYPER SOL VSM DH.72.585.05	22.65					
								HYPER SOL VSM DH.72.580.05	22.45					
								HYPER SOL VSM DH.72.575.05	22.26					
								HYPER SOL VSM DH.72.570.05	22.07					
								HYPER SOL VSM DH.72.565.05	21.87					
					HYPER SOL VSM DH.72.560.05	21.68								
					xiii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	PREXOS VSM DHT.72.550.05 (550 Wp)	PREXOS VSM DHT.72.560.05	21.72					
								PREXOS VSM DHT.72.555.05	21.52					
								PREXOS VSM DHT.72.550.05	21.33					
								PREXOS VSM DHT.72.545.05	21.13					
								PREXOS VSM DHT.72.540.05	20.94					
								CG MB72-395	19.17					
								CG MB72-400	19.41					
								CG MB72-405	19.66					
CG MB72-410	19.90													
CG MB72-415	20.14													
14	M/s. Contendre Greenergy Pvt. Ltd.	Unit No: I/6, Rajlakhmi HiTech Industrial Park, Sonale Village, Bhiwandi-421302, Maharashtra	R-71013196	49	i	Mono c-Si PERC Modules	CG MB72-405 (405 Wp)			72 (Full Cells)	1500	30.12.2023	29.12.2027	
15	M/s. ECE (India) Energies Pvt. Ltd.	F-27, Express Highway, MIDC, Amravati-444607, Maharashtra, India.	R-71012220	40	i	Mono c-Si PERC Module	ECE060M310 (310Wp)	ECE060M310	19.19	60 (Full Cells)	1500	04.03.2024	03.03.2028	
					ii	Mono c-Si PERC Module	ECE060M340 (340Wp)	ECE060M340	19.23	66 (Full Cells)	1500	04.03.2024	03.03.2028	
					iii	Mono c-Si PERC Module	ECE060M370 (370Wp)	ECE060M370	19.17	72 (Full Cells)	1500	04.03.2024	03.03.2028	
		Co-ALMM with M/s Navitas Green Solutions Pvt. Ltd. Manufacturing Address: Plot No. B-20/3, Road No. 13, 14, Palsana-Baleshwar Rd, Hoziwala Industrial Estate, Sachin, Surat-394230, Gujarat	R-72008389	100 (As per Co-Branding Agreement)	iv	Mono c-Si PERC Module	ECE072M220 (220 Wp)	ECE072M215	19.32	72 (Half Cut Cells)	1500	10.04.2024	28.05.2025	
								ECE072M220	19.77					
								ECE072M225	20.22					
					v	Mono c-Si PERC Module	ECE072M270 (270 Wp)	ECE072M260	19.62	72 (Half Cut Cells)	1500	10.04.2024	28.05.2025	
								ECE072M265	20.00					
								ECE072M270	20.38					
					vi	Mono c-Si PERC Module	ECE096M295 (295 Wp)	ECE072M275	20.76	96 (Half Cut Cells)	1500	10.04.2024	28.05.2025	
								ECE096M285	19.42					
								ECE096M290	19.81					
					vii	Mono c-Si PERC Module	ECE096M360 (360 Wp)	ECE096M295	20.15	96 (Half Cut Cells)	1500	10.04.2024	28.05.2025	
								ECE096M300	20.49					
								ECE096M350	20.06					
					viii	Mono c-Si PERC Module	ECE108M330 (330 Wp)	ECE096M355	20.35	108 (Half Cut Cells)	1500	10.04.2024	28.05.2025	
								ECE096M360	20.64					
								ECE096M365	20.92					
ix	Mono c-Si PERC Module	ECE108M390 (390 Wp)	ECE108M320	19.52	108 (Half Cut Cells)	1500	10.04.2024	28.05.2025						
			ECE108M325	19.82										
			ECE108M330	20.13										
x	Mono c-Si PERC Module	ECE120M370 (370 Wp)	ECE108M335	20.43	120 (Half Cut Cells)	1500	10.04.2024	28.05.2025						
			ECE108M340	20.74										
			ECE108M390	19.96										
xi	Mono c-Si PERC Module	ECE120M445 (445 Wp)	ECE108M395	20.21	120 (Half Cut Cells)	1500	10.04.2024	28.05.2025						
			ECE108M400	20.47										
			ECE108M405	20.72										
xii	Mono c-Si PERC Module	ECE132M405 (405 Wp)	ECE108M410	20.98	132 (Half Cut Cells)	1500	10.04.2024	28.05.2025						
			ECE120M360	19.84										
			ECE120M365	20.11										
													ECE120M370	20.39
													ECE120M375	20.66
													ECE120M435	20.10
													ECE120M440	20.33
													ECE120M445	20.56
													ECE120M450	20.79
													ECE120M455	21.02
													ECE132M395	19.85
													ECE132M400	20.10
													ECE132M405	20.35
													ECE132M410	20.06
													ECE132M415	20.85

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								RS555WC	21.52				
								RS560WC	21.71				
					v	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSB530WC (530 Wp)	RSB505WC	19.56	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
							RSB510WC	19.79					
							RSB515WC	19.99					
							RSB520WC	20.18					
							RSB525WC	20.37					
							RSB530WC	20.56					
							RSB535WC	20.75					
							RSB540WC	20.94					
							RSB545WC	21.13					
							RSB550WC	21.32					
							RSB460WC	19.40					
					vi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSB480WC (480 Wp)	RSB465WC	19.60	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028
							RSB470WC	19.84					
							RSB475WC	20.02					
							RSB480WC	20.26					
							RSB485WC	20.46					
							RSB490WC	20.66					
							RSB495WC	20.87					
							RSB500WC	21.08					
							RSB415WC	19.18					
							RSB420WC	19.42					
					vii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSB435WC (435 Wp)	RSB425WC	19.65				
							RSB430WC	19.86					
							RSB435WC	20.10					
							RSB440WC	20.35					
							RSB445WC	20.58					
							RSB450WC	20.81					
							RSB455WC	21.02					
							RSB380WC	19.47					
							RSB385WC	19.72					
							RSB390WC	19.96					
					viii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSB390WC (390 Wp)	RSB395WC	20.22	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028
							RSB400WC	20.47					
							RSB405WC	20.75					
							RSB410WC	21.00					
							RSG505WC	19.57					
							RSG510WC	19.76					
					ix	Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG530WC (530 Wp)	RSG515WC	19.95	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
							RSG520WC	20.15					
							RSG525WC	20.34					
							RSG530WC	20.53					
							RSG535WC	20.73					
							RSG540WC	20.92					
							RSG545WC	21.12					
							RSG550WC	21.31					
							RSG555WC	21.50					
							RSG460WC	19.40					
					x	Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG480WC (480 Wp)	RSG465WC	19.60				
							RSG470WC	19.84					
							RSG475WC	20.02					
							RSG480WC	20.26					
							RSG485WC	20.46					
							RSG490WC	20.66					
							RSG495WC	20.87					
							RSG500WC	21.08					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xi	Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG435WC (435 Wp)	RSG415WC	19.18	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
				RSG420WC				19.42					
				RSG425WC				19.65					
				RSG430WC				19.86					
				RSG435WC				20.10					
				RSG440WC				20.35					
				RSG445WC				20.58					
				RSG450WC				20.81					
				RSG455WC				21.02					
				RSG380WC				19.47					
				xii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG390WC (390 Wp)	RSG385WC	19.72	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028	
							RSG390WC	19.96					
							RSG395WC	20.22					
							RSG400WC	20.47					
							RSG405WC	20.75					
							RSG410WC	21.00					
							RS535144TGC	20.73					
							RS540144TGC	20.92					
							RS545144TGC	21.12					
							RS550144TGC	21.31					
				xii	Bifacial N Type TOPCon Module (Glass to Glass)	RS560144TGC (560 Wp)	RS555144TGC	21.50	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028	
							RS560144TGC	21.70					
							RS565144TGC	21.89					
							RS570144TGC	22.08					
							RS575144TGC	22.28					
							RS580144TGC	22.47					
							RS585144TGC	22.66					
							RS485132TGC	20.43					
							RS490132TGC	20.64					
							RS495132TGC	20.85					
				xiv	Bifacial N Type TOPCon Module (Glass to Glass)	RS510132TGC (510 Wp)	RS500132TGC	21.06	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028	
							RS505132TGC	21.27					
							RS510132TGC	21.49					
							RS515132TGC	21.70					
							RS520132TGC	21.91					
							RS525132TGC	22.12					
							RS530132TGC	22.33					
							RS535132TGC	22.54					
							RS445120TGC	20.54					
							RS450120TGC	20.77					
				xv	Bifacial N Type TOPCon Module (Glass to Glass)	RS465120TGC (465 Wp)	RS455120TGC	21.00	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028	
							RS460120TGC	21.23					
							RS465120TGC	21.46					
							RS470120TGC	21.70					
							RS475120TGC	21.93					
							RS480120TGC	22.16					
							RS485120TGC	22.39					
							RS395108TGC	20.24					
							RS400108TGC	20.50					
							RS405108TGC	20.76					
				xvi	Bifacial N Type TOPCon Module (Glass to Glass)	RS415108TGC (415 Wp)	RS410108TGC	21.01	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028	
							RS415108TGC	21.27					
							RS420108TGC	21.53					
							RS425108TGC	21.78					
							RS430108TGC	22.04					
							RS435108TGC	22.30					
							RS560WC	21.70					
							RS560WC	21.70					
							RSB555WC	21.50					
							RSB560WC	21.70					
				xvii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSG560WC (560 Wp)	RS600144TGC	23.25	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028	
							RS595144TGC	23.05					
							RS590144TGC	22.86					
				xviii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSB560WC (560 Wp)	RS600144TGC	23.25	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028	
							RS595144TGC	23.05					
							RS590144TGC	22.86					
				xix	Bifacial N Type TOPCon Module (Glass to Glass)	RS600144TGC (600 Wp)	RS600144TGC	23.25	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028	
							RS595144TGC	23.05					
							RS590144TGC	22.86					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
17	M/s. Kosol Energie Pvt. Ltd.	Survey No: 415/B, Opp. Super Gas, Village: Bhayla, Bavla-Bagodra Highway, Ta: Bavla, Dist: Ahmedabad-382220, Gujarat, India.	R-72003417	637	i	Mono c-Si PERC Modules	KE550M (550 Wp)	KE570M	22.06	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								KE565M	21.87				
								KE560M	21.68				
								KE555M	21.48				
								KE550M	21.29				
								KE545M	21.10				
								KE540M	20.90				
								KE535M	20.71				
								KE530M	20.52				
								KE570T	22.06				
					ii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	KE550T (550 Wp)	KE565T	21.87	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								KE560T	21.68				
								KE555T	21.48				
								KE550T	21.29				
								KE545T	21.10				
								KE540T	20.90				
								KE535T	20.71				
								KE530T	20.52				
								KE460M	21.21				
								KE455M	20.98				
					iii	Mono c-Si PERC Modules	KE445M (445 Wp)	KE450M	20.75	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								KE445M	20.52				
								KE440M	20.29				
								KE435M	20.06				
								KE430M	19.83				
								KE460T	21.21				
								KE455T	20.98				
								KE450T	20.75				
								KE445T	20.52				
								KE440T	20.29				
					iv	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	KE445T (445 Wp)	KE435T	20.06	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								KE430T	19.83				
								KE415M	21.24				
								KE410M	20.98				
								KE405M	20.73				
								KE400M	20.47				
								KE395M	20.22				
								KE390M	19.96				
								KE385M	19.70				
								KE415T	21.24				
v	Mono c-Si PERC Modules	KE400M (400 Wp)	KE410T	20.98	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
			KE405T	20.73									
			KE400T	20.47									
			KE395T	20.22									
			KE390T	19.96									
			KE385T	19.70									
			KE400T	20.47									
			KE395T	20.22									
			KE390T	19.96									
			KE385T	19.70									
vi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	KE400T (400 Wp)	KE255M	19.22	48 (Full Cells)	1500	04.03.2024	03.03.2028					
			KE285M	19.39									
			KE315M	19.17									
			KE325M	19.78									
			KE325M	19.78									
			KE330M	20.08									
			KE335M	20.38									
			KE380M	19.16									
			KE385M	19.42									
			KE390M	19.67									
vii	Mono c-Si PERC Modules	KE255M (255 Wp)	KE395M	19.92	54 (Full Cells)	1500	04.03.2024	03.03.2028					
			CSPL-144MHC-TF-520	20.14									
			CSPL-144MHC-TF-525	20.33									
			CSPL-144MHC-TF-530	20.52									
			CSPL-144MHC-TF-535	20.72									
			CSPL-144MHC-TF-540	20.91									
			KE315M	19.17									
			KE320M	19.47									
			KE325M	19.78									
			KE330M	20.08									
viii	Mono c-Si PERC Modules	KE285M (285 Wp)	KE380M	19.16	60 (Full Cells)	1500	04.03.2024	03.03.2028					
			KE385M	19.42									
			KE390M	19.67									
			KE395M	19.92									
			CSPL-144MHC-TF-520	20.14									
			CSPL-144MHC-TF-525	20.33									
			CSPL-144MHC-TF-530	20.52									
			CSPL-144MHC-TF-535	20.72									
			CSPL-144MHC-TF-540	20.91									
			KE315M	19.17									
ix	Mono c-Si PERC Modules	KE325M (325 Wp)	KE380M	19.16	72 (Full Cells)	1500	04.03.2024	03.03.2028					
			KE385M	19.42									
			KE390M	19.67									
			KE395M	19.92									
			CSPL-144MHC-TF-520	20.14									
			CSPL-144MHC-TF-525	20.33									
			CSPL-144MHC-TF-530	20.52									
			CSPL-144MHC-TF-535	20.72									
			CSPL-144MHC-TF-540	20.91									
			KE315M	19.17									
x	Mono c-Si PERC Modules	KE390M (390 Wp)	CSPL-144MHC-TF-520	20.14	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
			CSPL-144MHC-TF-525	20.33									
			CSPL-144MHC-TF-530	20.52									
			CSPL-144MHC-TF-535	20.72									
			CSPL-144MHC-TF-540	20.91									
			KE315M	19.17									
			KE320M	19.47									
			KE325M	19.78									
			KE330M	20.08									
			KE335M	20.38									
18	M/s. Citizen Solar Pvt. Ltd.	New Survey No-966, Village: Indrad, Chhatral Kadi Road, Ta: Kadi, Dist.: Mehsana, Gujarat-382715, India.	R-72001929	150	i	Mono c-Si PERC Module (Glass to Transparent	CSPL-144MHC-TF-535 (535Wp)	CSPL-144MHC-TF-520	20.14	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								CSPL-144MHC-TF-525	20.33				
								CSPL-144MHC-TF-530	20.52				
								CSPL-144MHC-TF-535	20.72				
								CSPL-144MHC-TF-540	20.91				
								KE315M	19.17				
								KE320M	19.47				
								KE325M	19.78				
								KE330M	20.08				
								KE335M	20.38				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity									
												From	To (subject to valid BIS Registration; else deemed to be delisted)								
								backsheet)													
								ii	Mono c-Si PERC Module	CSPL-144MHC-WF-535 (535Wp)	CSPL-144MHC-TF-545	21.11	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
											CSPL-144MHC-TF-550	21.30									
											CSPL-144MHC-TF-555	21.49									
											CSPL-144MHC-TF-560	21.69									
											CSPL-144MHC-WF-520	20.14									
											CSPL-144MHC-WF-525	20.33									
											CSPL-144MHC-WF-530	20.52									
											CSPL-144MHC-WF-535	20.72									
											CSPL-144MHC-WF-540	20.91									
											CSPL-144MHC-WF-545	21.11									
											CSPL-144MHC-WF-550	21.30									
											CSPL-144MHC-WF-555	21.49									
								iii	Mono c-Si PERC Module (Glass to Transparent backsheet)	CSPL-132MHC-TF-485 (485Wp)	CSPL-132MHC-TF-480	20.21	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
											CSPL-132MHC-TF-485	20.42									
											CSPL-132MHC-TF-490	20.63									
											CSPL-132MHC-TF-495	20.84									
								iv	Mono c-Si PERC Module	CSPL-132MHC-WF-485 (485Wp)	CSPL-132MHC-WF-480	20.21	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
											CSPL-132MHC-WF-485	20.42									
											CSPL-132MHC-WF-490	20.63									
											CSPL-132MHC-WF-495	20.84									
								v	Mono c-Si PERC Module (Glass to Transparent backsheet)	CSPL-120MHC-TF-440 (440Wp)	CSPL-120MHC-TF-435	20.04	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
											CSPL-120MHC-TF-440	20.27									
											CSPL-120MHC-TF-445	20.50									
											CSPL-120MHC-TF-450	20.73									
								vi	Mono c-Si PERC Module	CSPL-120MHC-WF-440 (440Wp)	CSPL-120MHC-WF-435	20.04	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
											CSPL-120MHC-WF-440	20.27									
											CSPL-120MHC-WF-445	20.50									
											CSPL-120MHC-WF-450	20.73									
								vii	Mono c-Si PERC Module (Glass to Transparent backsheet)	CSPL-108MHC-TF-395 (395Wp)	CSPL-108MHC-TF-390	19.88	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
											CSPL-108MHC-TF-395	20.14									
											CSPL-108MHC-TF-400	20.39									
											CSPL-108MHC-TF-405	20.65									
								viii	Mono c-Si PERC Module	CSPL-108MHC-WF-395 (395Wp)	CSPL-108MHC-WF-390	19.88	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
											CSPL-108MHC-WF-395	20.14									
											CSPL-108MHC-WF-400	20.39									
											CSPL-108MHC-WF-405	20.65									
								ix	Mono c-Si PERC Modules.	CSPL24M390 (390 Wp)	CSPL24M380	19.15	72 (Full Cells)	1500	04.03.2024	03.03.2028					
											CSPL24M385	19.41									
											CSPL24M390	19.66									
											CSPL24M395	19.91									
											CSPL24M400	20.16									
								19	M/s. Redren Energy Pvt. Ltd	Survey No. 154/1, 154/2, Opposite Rangpar, Bus Stand, National Highway No. 27, Jalida, Wankaner, Morbi-363621, Gujarat, India	R-72001775	77	i	Mono c-Si PERC Module	RPLUS24380 (380 Wp)	RPLUS24380	19.11	72 (Full Cells)	1500	05.04.2024	04.04.2028
								ii	Mono c-Si PERC Module	RPLUS20320 (320 Wp)	RPLUS20330	20.05	60 (Full Cells)	1500	05.04.2024	04.04.2028					
											RPLUS20325	19.74									
iii	Mono c-Si PERC Module	RPLUS18300 (300 Wp)	RPLUS20320	19.44	54 (Full Cells)	1500	05.04.2024	04.04.2028													
			RPLUS20315	19.14																	
			RPLUS18300	20.37																	
			RPLUS18295	20.03																	
iv	Mono c-Si PERC Module	RSM10MP-72HCMF550 (550Wp)	RPLUS18290	19.69	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028													
			RPLUS18285	19.35																	
v	Mono c-Si PERC Module	RSM10MP-72HCMF520 (520Wp)	RSM10MP-72HCMF550	21.29	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028													
			RSM10MP-72HCMF545	21.10																	
			RSM10MP-72HCMF540	20.90																	
			RSM10MP-72HCMF535	20.71																	
			RSM10MP-72HCMF530	20.52																	
			RSM10MP-72HCMF525	20.32																	
			RSM10MP-72HCMF520	20.13																	
			RSM10MP-72HCMF515	19.94																	
			RSM10MP-72HCMF510	19.74																	
			RSM10MP-72HCMF505	19.55																	
			RSM10MP-72HCMF500	19.35																	
			RSM10MP-72HCMF495	19.16																	
			RSM10MP-66HCMF505	21.27																	

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vi	Mono c-Si PERC Module	RSM10MP-66HCF500 (500 Wp)	RSM10MP-66HCF500	21.06	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-66HCF495	20.84				
								RSM10MP-66HCF490	20.63				
								RSM10MP-66HCF485	20.42				
								RSM10MP-66HCF480	20.21				
					vii	Mono c-Si PERC Module	RSM10MP-66HCF470 (470 Wp)	RSM10MP-66HCF470	19.79	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-66HCF465	19.58				
								RSM10MP-66HCF460	19.37				
					viii	Mono c-Si PERC Module	RSM10MP-60HCF460 (460 Wp)	RSM10MP-60HCF460	21.25	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-66HCF455	19.16				
					ix	Mono c-Si PERC Module	RSM10MP-60HCF435 (435 Wp)	RSM10MP-60HCF460	21.25	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-60HCF455	21.02				
								RSM10MP-60HCF450	20.79				
								RSM10MP-60HCF445	20.55				
								RSM10MP-60HCF440	20.32				
								RSM10MP-60HCF435	20.09				
								RSM10MP-60HCF430	19.86				
								RSM10MP-60HCF425	19.63				
								RSM10MP-60HCF420	19.40				
								RSM10MP-60HCF415	19.17				
x	Mono c-Si PERC Module	RSM10MP-54HCF400 (400 Wp)	RSM10MP-54HCF420	21.48	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028					
			RSM10MP-54HCF415	21.23									
			RSM10MP-54HCF410	20.97									
			RSM10MP-54HCF405	20.71									
			RSM10MP-54HCF400	20.46									
			RSM10MP-54HCF395	20.20									
			RSM10MP-54HCF390	19.95									
			RSM10MP-54HCF385	19.69									
			RSM10MP-54HCF380	19.44									
			20	M/s. Premier Energies Photovoltaic Pvt. Ltd					Plot No-8/B/1 & 8/B/2, SY No. 62 P 63 P and 88 P, E-City, Village Raviryala, Maheshwaram Mandal, Ranga Reddy, Telangana-501359, India	R-63002356	1241	i	Mono c-Si PERC Module
PE-475HM	20.01												
PE-480HM	20.22												
PE-485HM	20.43												
PE-490HM	20.64												
PE-495HM	20.86												
PE-510HM	21.49												
PE-505HM	21.28												
PE-500HM	21.07												
PE-515HM	19.94												
ii	Mono c-Si PERC Module	PE-530HM, (530 Wp)			PE-520HM	20.13	144 (Half-Cut Cells)	1500				05.04.2024	04.04.2028
					PE-525HM	20.32							
					PE-530HM	20.52							
					PE-535HM	20.71							
					PE-540HM	20.90							
					PE-545HM	21.10							
iii	Bifacial Mono c-Si PERC Module	PE-530HGB, (530 Wp)			PE-550HM	21.29	144 (Half-Cut Cells)	1500				05.04.2024	04.04.2028
					PE-555HM	21.48							
					PE-510HGB	19.74							
					PE-515HGB	19.94							
			PE-520HGB	20.13									
			PE-525HGB	20.32									
			PE-530HGB	20.52									
			PE-535HGB	20.71									
iv	Mono c-Si PERC Module	PE-565HM, (565 Wp)	PE-540HGB	20.90	156 (Half-Cut Cells)	1500	05.04.2024	04.04.2028					
			PE-545HGB	21.10									
			PE-550HGB	21.29									
			PE-555HM	19.86									
			PE-560HM	20.04									
			PE-565HM	20.22									
			PE-570HM	20.40									
			PE-575HM	20.58									
			PE-580HM	20.76									
			PE-585HM	20.94									
PE-590HM	21.12												
PE-520HB	21.91												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity													
												From	To (subject to valid BIS Registration; else deemed to be delisted)												
					vii	Mono c-Si PERC Module	SSSPL-144TP-520 (520 Wp)	SSSPL-144TP-510	19.75	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028												
								SSSPL-144TP-520	20.14																
								SSSPL-144TP-530	20.52																
								SSSPL-144TP-540	20.91																
					viii	Mono c-Si PERC Module	SSSPL-144TP-550 (550 Wp)	SSSPL-144TP-550	21.30	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028												
								SSPL-36-260 (260 Wp)	20.96																
								SSPL-36-270 (260 Wp)	21.27																
								SSPL-36-230 (230 Wp)	20.83																
								SSPL-36-240 (240 Wp)	20.83																
								SSPL-36-250 (250 Wp)	20.95																
								SSPL-36-200 (200 Wp)	20.56																
								SSPL-36-210 (210 Wp)	20.68																
								SSPL-36-220 (220 Wp)	20.83																
								SSPL-36-180 (180 Wp)	20.42																
								SSPL-36-175 (175 Wp)	20.47																
								SSPL-36-170 (170 Wp)	20.43																
								SSPL-36-160 (160 Wp)	20.34																
								SSPL-36-150 (150 Wp)	20.14																
								SSPL-36-140 (140 Wp)	20.02																
								SSPL-36-130 (130 Wp)	20.01																
								SSPL-36-125 (125 Wp)	19.82																
								SSPL-36-120 (120 Wp)	19.74																
								SSPL-36-100 (100 Wp)	19.35																
								SSPL-36-90 (90 Wp)	19.38																
								SSPL-36-80 (80 Wp)	19.21																
								SSPL-36-75 (75 Wp)	19.05																
								SSPL-36-70 (700 Wp)	19.03																
								SSPL-36-60 (60 Wp)	19.02																
								SSPL-36-50 (50 Wp)	19.01																
								SSPL-36-40 (40 Wp)	19.05																
								22	M/s. Bluebird Solar Pvt. Ltd					Plot No: 5, Ecotech-II, Udyog Vihar, Khasra No. 739, Greater Noida-201306, Uttar Pradesh, India	R-93014680	106	i	Mono c-Si PERC Modules	BBS24MF395 (395Wp)	BBS24MF380	19.10	72 (Full Cells)	1500	05.04.2024	04.04.2028
																				BBS24MF385	19.35				
																				BBS24MF390	19.60				
BBS24MF395	19.85																								
BBS24MF400	20.10																								
BBS24MF405	20.35																								
BBS24MC440	19.73																								
BBS24MC445	19.95																								
BBS24MC450	20.18																								
BBS24MC455	20.40																								
ii	Mono c-Si PERC Module	BBS24MC460 (460Wp)	BBS24MC460	20.63	120 (Half Cut Cells)	1500	05.04.2024			04.04.2028															
			BBS24MC465	20.85																					
			BBS24MC470	21.08																					
			BBS24MC475	21.31																					
			BBS24MC480	19.45																					
			BBS24MC485	19.65																					
			BBS24MC490	19.85																					
			BBS24MC495	20.05																					
iii	Mono c-Si PERC Module	BBS24MC495 (495Wp)	BBS24MC500	20.25	132 (Half Cut Cells)	1500	05.04.2024			04.04.2028															
			BBS24MC505	20.46																					
			BBS24MC510	20.66																					
			BBS24MC515	19.96																					
			BBS24MC520	20.15																					
			BBS24MC525	20.34																					
iv	Mono c-Si PERC Module	BBS24MC525 (525Wp)	BBS24MC530	20.53	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028																	
			BBS24MC535	20.73																					
			BBS24MC540	20.92																					
			BBS24MC545	21.12																					
			BBS24MC550	21.31																					
			BBS24MC440-TB	19.76																					
			BBS24MC445-TB	19.99																					
			BBS24MC450-TB	20.21																					
			BBS24MC455-TB	20.44																					
			BBS24MC460-TB	20.66																					
BBS24MC465-TB	20.89																								
v	Bifacial Mono c-Si PERC Module	BBS24MC460-TB (460 Wp)	BBS24MC460-TB	20.66	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028																	
			BBS24MC465-TB	20.89																					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								BBS24MC470-TB	21.11				
								BBS24MC475-TB	21.33				
								BBS24MC480-TB	19.94				
					vi	Bifacial Mono c-Si PERC Module	BBS24MC495-TB (495 Wp)	BBS24MC485-TB	20.14	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							BBS24MC490-TB	20.35					
							BBS24MC495-TB	20.56					
							BBS24MC500-TB	20.77					
							BBS24MC505-TB	20.97					
							BBS24MC510-TB	21.18					
							BBS24MC520-TB	19.12					
							BBS24MC525-TB	19.31					
							BBS24MC530-TB	19.49					
							BBS24MC535-TB	19.67					
					vii	Bifacial Mono c-Si PERC Module	BBS24MC525-TB (525 Wp)	BBS24MC540-TB	19.86	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							BBS24MC545-TB	20.04					
							BBS24MC550-TB	20.23					
							BBS24MC555-TB	20.41					
							BBS24MC560-TB	20.59					
							BBS24MC565-TB	20.78					
							BBS24MC570-TB	20.96					
							BBS24MC575-TB	21.14					
							BBS24MC555	20.41					
							BBS24MC560	20.59					
							BBS24MC565	20.78					
							BBS24MC570	20.96					
							BBS24MC575	21.14					
23	M/s. Rajasthan Electronics and Instruments Limited (REIL)	2, Kanakpura Industrial Area, Sirsi Road, Jaipur-302040	R-84003077	23	i	Mono c-Si Module	385W72 (385 Wp)	390W72	20.07	72 (Full Cell)	1500	18.08.2024	17.08.2028
							385W72	19.82					
							380W72	19.56					
							375W72	19.30					
							RSS520144HCMP	20.16					
							RSS525144HCMP	20.35					
							RSS530144HCMP	20.54					
					ii	Mono c-Si PERC Module	RSS535144HCMP (535Wp)	RSS535144HCMP	20.74	144 (Half Cut Cells)	1500	08.07.2024	31.03.2026
							RSS540144HCMP	20.93					
							RSS545144HCMP	21.13					
							RSS550144HCMP	21.32					
							RSS555144HCMP	21.51					
							RCOS TWIN-550	21.3					
							RCOS TWIN-545	21.1					
							RCOS TWIN-540	20.9					
							RCOS TWIN-535	20.71					
							RCOS TWIN-530	20.51					
							RCOS TWIN-525	20.32					
							RCOS TWIN-520	20.13					
							RCOS TWIN-515	19.93					
							RCOS TWIN-510	19.74					
					iii	Mono c-Si PERC Module	RCOS TWIN-530 (530 Wp)	RGMB72HM10550	21.29	144 (Half Cut Cells)	1500	08.07.2024	
							RGMB72HM10545	21.1					
							RGMB72HM10540	20.9					
							RGMB72HM10535	20.71					
							RGMB72HM10530	20.52					
							RGMB72HM10525	20.32					
							RGMB66HM10505	21.26					
							RGMB66HM10500	21.05					
							RGMB66HM10495	20.83					
							RGMB66HM10490	20.62					
							RGMB66HM10485	20.41					
							RGMB66HM10480	20.2					
							RGMB66HM10460	21.24					
							RGMB66HM10455	21.01					
							RGMB66HM10450	20.78					
							RGMB66HM10445	20.54					
							RGMB66HM10440	20.31					
							RGMB66HM10435	20.08					
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RGMB72HM10540 (540Wp)	RGMB66HM10495 (495Wp)	20.83	132 (Half Cut Cells)	1500	08.07.2024	
							RGMB66HM10485	20.41					
							RGMB66HM10480	20.2					
							RGMB66HM10460	21.24					
							RGMB66HM10455	21.01					
							RGMB66HM10450	20.78					
							RGMB66HM10445	20.54					
							RGMB66HM10440	20.31					
							RGMB66HM10435	20.08					
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RGMB66HM10495 (495Wp)	RGMB60HM10450 (450 Wp)	20.78				
							RGMB60HM10445	20.54					
							RGMB60HM10440	20.31					
							RGMB60HM10435	20.08					
							RGMB60HM10430	19.85					
							RGMB60HM10425	19.62					
							RGMB60HM10420	19.39					
							RGMB60HM10415	19.16					
							RGMB60HM10410	18.93					
							RGMB60HM10405	18.70					
					vi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RGMB60HM10450 (450 Wp)	RGMB60HM10445	20.54	120 (Half Cut Cells)	1500	08.07.2024	
							RGMB60HM10440	20.31					
							RGMB60HM10435	20.08					
							RGMB60HM10430	19.85					
							RGMB60HM10425	19.62					
							RGMB60HM10420	19.39					
							RGMB60HM10415	19.16					
							RGMB60HM10410	18.93					
							RGMB60HM10405	18.70					
							RGMB60HM10400	18.47					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RGMB54HM10405 (405 Wp)	RGMB54HM10415	21.21	108 (Half Cut Cells)	1500	08.07.2024	30.04.2026
								RGMB54HM10410	20.96				
								RGMB54HM10405	20.7				
								RGMB54HM10400	20.45				
								RGMB54HM10395	20.19				
								RGMB54HM10390	19.94				
					viii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RGMB48HM10355 (355 Wp)	RGMB48HM10365	20.9	96 (Half Cut Cells)	1500	08.07.2024	
								RGMB48HM10360	20.61				
								RGMB48HM10355	20.33				
								RGMB48HM10350	20.04				
								RGMB48HM10345	19.75				
								RGMB48HM10340	19.47				
					ix	Mono c-Si PERC Modules	RGMF72HM10540 (540 Wp)	RGMF72HM10550	21.29	144 (Half Cut Cells)	1500	08.07.2024	
								RGMF72HM10545	21.1				
								RGMF72HM10540	20.9				
								RGMF72HM10535	20.71				
								RGMF72HM10530	20.52				
								RGMF72HM10525	20.32				
					x	Mono c-Si PERC Modules	RGMF66HM10495 (495 Wp)	RGMF66HM10505	21.26	132(Half Cut Cells)	1500	08.07.2024	
								RGMF66HM10500	21.05				
								RGMF66HM10495	20.83				
								RGMF66HM10490	20.62				
								RGMF66HM10485	20.41				
								RGMF66HM10480	20.2				
					xi	Mono c-Si PERC Modules	RGMF60HM10450 (450 Wp)	RGMF60HM10460	21.24	120 (Half Cut Cells)	1500	08.07.2024	
								RGMF60HM10455	21.01				
								RGMF60HM10450	20.78				
								RGMF60HM10445	20.54				
								RGMF60HM10440	20.31				
								RGMF60HM10435	20.08				
					xii	Mono c-Si PERC Modules	RGMF54HM10405 (405 Wp)	RGMF54HM10415	21.21	108 (Half Cut Cells)	1500	08.07.2024	
								RGMF54HM10410	20.96				
								RGMF54HM10405	20.7				
								RGMF54HM10400	20.45				
								RGMF54HM10395	20.19				
								RGMF54HM10390	19.94				
xiii	Mono c-Si PERC Modules	RGMF48HM10355 (355 Wp)	RGMF48HM10365	20.9	96 (Half Cut Cells)	1500	08.07.2024						
			RGMF48HM10360	20.61									
			RGMF48HM10355	20.33									
			RGMF48HM10350	20.04									
			RGMF48HM10345	19.75									
			RGMF48HM10340	19.47									
24	M/s. Sahaj Solar Private Ltd	Plot No. D4, Survey No. 742,745, Gallops Industrial Park, Village Rajoda, Sarkhej – Bavla Road, NH 8B, Ahmedabad, Gujarat – 382220, India	R-72005630	54	i	Mono PERC c-Si Module	SS-535 (535 Wp)	SS-520	20.12	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								SS-525	20.31				
								SS-530	20.51				
								SS-535	20.70				
								SS-540	20.89				
								SS-545	21.09				
								SS-550	21.28				
								SS-132C480	20.22				
								SS-132C485	20.43				
					SS-132C490	20.64							
					ii	Mono PERC c-Si Module	SS-132C495 (495 Wp)	SS-132C495	20.86	132 (Half Cut Cells)	1500	18.08.2024	
								SS-132C500	21.07				
								SS-132C505	21.27				
								SS-132C510	21.49				
								SS-132C515	21.70				
								SS-120C440	20.34				
					iii	Mono PERC c-Si Module	SS-120C445 (445 Wp)	SS-120C445	20.57	120 (Half Cut Cells)	1500	18.08.2024	
								SS-120C450	20.79				
SS-120C455	21.02												
R420M	19.27												
R425M	19.50												
R430M	19.73												
25	M/s. Raajratna Ventures Limited	Survey No. 69/2, Ahmedabad-Mehsana Highway, Opp Madhu Mill, Village Chandarda, Tal Kadi, Dist. Mehsana, Gujarat - 382715, India	R-72003379	79	i	Mono c-Si PERC Modules	R435M (435Wp)	R435M	19.96	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								R440M	20.18				
								R445M	20.41				
								R450M	20.64				
					ii	Mono c-Si PERC Modules	R530M (530Wp)	R510M	19.73	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
							R515M	19.93					
							R520M	20.12					
							R525M	20.31					
							R530M	20.51					
							R535M	20.70					
							R540M	20.89					
							R545M	21.09					
							R550M	21.28					
							ASM-M10-144-500	19.48					
26	M/s. Mundra Solar Energy Ltd	Taluka Mundra, Survey No.180/P, Sector-01, South Of APL/CGPL Power Plant, Near EMC Bridge, Tunda, Kachchh- 370435 Gujarat	R-72005460	1977				ASM-M10-144-501	19.51	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								ASM-M10-144-502	19.55				
								ASM-M10-144-503	19.59				
								ASM-M10-144-504	19.63				
								ASM-M10-144-505	19.67				
								ASM-M10-144-506	19.71				
								ASM-M10-144-507	19.75				
								ASM-M10-144-508	19.79				
								ASM-M10-144-509	19.83				
								ASM-M10-144-510	19.86				
								ASM-M10-144-511	19.9				
								ASM-M10-144-512	19.94				
								ASM-M10-144-513	19.98				
								ASM-M10-144-514	20.02				
								ASM-M10-144-515	20.06				
								ASM-M10-144-516	20.1				
								ASM-M10-144-517	20.14				
								ASM-M10-144-518	20.18				
								ASM-M10-144-519	20.22				
								ASM-M10-144-520	20.25				
								ASM-M10-144-521	20.29				
								ASM-M10-144-522	20.33				
								ASM-M10-144-523	20.37				
								ASM-M10-144-524	20.41				
					i	Mono c-Si PERC Modules	ASM-M10-144-525 (525Wp)	ASM-M10-144-525	20.45				
								ASM-M10-144-526	20.49				
								ASM-M10-144-527	20.53				
								ASM-M10-144-528	20.57				
								ASM-M10-144-529	20.6				
								ASM-M10-144-530	20.64				
								ASM-M10-144-531	20.68				
								ASM-M10-144-532	20.72				
								ASM-M10-144-533	20.76				
								ASM-M10-144-534	20.8				
								ASM-M10-144-535	20.84				
								ASM-M10-144-536	20.88				
								ASM-M10-144-537	20.92				
								ASM-M10-144-538	20.96				
								ASM-M10-144-539	20.99				
								ASM-M10-144-540	21.03				
								ASM-M10-144-541	21.07				
								ASM-M10-144-542	21.11				
								ASM-M10-144-543	21.15				
								ASM-M10-144-544	21.18				
								ASM-M10-144-545	21.22				
								ASM-M10-144-546	21.27				
								ASM-M10-144-547	21.3				
								ASM-M10-144-548	21.34				
								ASM-M10-144-549	21.38				
								ASM-M10-144-550	21.42				
								ASB-M10-144-500	19.48				
								ASB-M10-144-501	19.51				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity													
												From	To (subject to valid BIS Registration; else deemed to be delisted)												
					ii	Bifacial Mono c-Si PERC Modules	ASB-M10-144-525 (525Wp)	ASB-M10-144-502	19.55	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028												
								ASB-M10-144-503	19.59																
								ASB-M10-144-504	19.63																
								ASB-M10-144-505	19.67																
								ASB-M10-144-506	19.71																
								ASB-M10-144-507	19.75																
								ASB-M10-144-508	19.79																
								ASB-M10-144-509	19.83																
								ASB-M10-144-510	19.86																
								ASB-M10-144-511	19.9																
								ASB-M10-144-512	19.94																
								ASB-M10-144-513	19.98																
								ASB-M10-144-514	20.02																
								ASB-M10-144-515	20.06																
								ASB-M10-144-516	20.1																
								ASB-M10-144-517	20.14																
								ASB-M10-144-518	20.18																
								ASB-M10-144-519	20.22																
								ASB-M10-144-520	20.25																
								ASB-M10-144-521	20.29																
								ASB-M10-144-522	20.33																
								ASB-M10-144-523	20.37																
								ASB-M10-144-524	20.41																
								ASB-M10-144-525	20.45																
								ASB-M10-144-526	20.49																
								ASB-M10-144-527	20.53																
								ASB-M10-144-528	20.57																
								ASB-M10-144-529	20.6																
								ASB-M10-144-530	20.64																
								ASB-M10-144-531	20.68																
								ASB-M10-144-532	20.72																
								ASB-M10-144-533	20.76																
								ASB-M10-144-534	20.8																
								ASB-M10-144-535	20.84																
								ASB-M10-144-536	20.88																
								ASB-M10-144-537	20.92																
								ASB-M10-144-538	20.96																
								ASB-M10-144-539	20.99																
								ASB-M10-144-540	21.03																
								ASB-M10-144-541	21.07																
								ASB-M10-144-542	21.11																
								ASB-M10-144-543	21.15																
								ASB-M10-144-544	21.18																
								ASB-M10-144-545	21.22																
								ASB-M10-144-546	21.27																
								ASB-M10-144-547	21.3																
								ASB-M10-144-548	21.34																
								ASB-M10-144-549	21.38																
								ASB-M10-144-550	21.42																
															R-71018970	1060	iii	Bifacial Mono c-Si PERC Modules	ASB-M10-144-553 (553)	ASB-M10-144-551	21.35	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
																				ASB-M10-144-552	21.39				
																				ASB-M10-144-553	21.43				
																				ASB-M10-144-554	21.46				
ASB-M10-144-555	21.50																								
ASB-M10-144-560	21.70																								
27	M/s. Renewsys India Pvt. Ltd	Plot No. E141, Additional Industrial Area, MIDC, Patalganga, Tal. Panvel, Karade Khurd, Raigad-410202 Maharashtra			1	Bifacial Mono c-Si PERC Module	DESERV EXTREME-575 (575 Wp)	DESERV EXTREME-590	21.02	156 (Half Cut Cells)	1500	18.08.2024	17.08.2028												
								DESERV EXTREME-585	20.84																
								DESERV EXTREME-580	20.66																
								DESERV EXTREME-575	20.48																
								DESERV EXTREME-570	20.30																
								DESERV EXTREME-565	20.13																
								DESERV EXTREME-560	21.56																
								DESERV EXTREME-555	21.37																
								DESERV EXTREME-550	21.18																
								DESERV EXTREME-545	20.99																
					2	Bifacial Mono c-Si PERC	DESERV EXTREME-540	DESERV EXTREME-540	20.79	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					2	Module	(540 Wp)	DESERV EXTREME-535	20.60	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV EXTREME-530	20.41				
								DESERV EXTREME-525	20.22				
								DESERV EXTREME-520	20.02				
								DESERV EXTREME-515	19.83				
					3	Bifacial Mono c-Si PERC Module	DESERV EXTREME-500 (500 Wp)	DESERV EXTREME-510	19.63	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV EXTREME-505	19.44				
								DESERV EXTREME-500	19.25				
								DESERV EXTREME-495	19.06				
								DESERV EXTREME-455	20.91				
					4	Bifacial Mono c-Si PERC Module	DESERV EXTREME-455 (455 Wp)	DESERV EXTREME-450	20.68	120 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV EXTREME-445	20.45				
								DESERV EXTREME-440	20.22				
								DESERV EXTREME-435	19.99				
								DESERV EXTREME-420	21.44				
					5	Bifacial Mono c-Si PERC Module	DESERV EXTREME-415 (415 Wp)	DESERV EXTREME-415	21.18	108 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV EXTREME-410	20.93				
								DESERV EXTREME-405	20.67				
								DESERV SGALACTIC-590	21.02				
								DESERV SGALACTIC-585	20.84				
					6	Mono c-Si PERC Modules	DESERV SGALACTIC-575 (575Wp)	DESERV SGALACTIC-580	20.66	156 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV SGALACTIC-575	20.48				
								DESERV SGALACTIC-570	20.30				
								DESERV SGALACTIC-565	20.13				
								DESERV SGALACTIC-560	21.56				
					7	Mono c-Si PERC Module	DESERV SGALACTIC-555 (555 Wp)	DESERV SGALACTIC-555	21.37	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV SGALACTIC-550	21.18				
								DESERV SGALACTIC-545	20.99				
								DESERV SGALACTIC-540	20.79				
								DESERV SGALACTIC-535	20.60				
					8	Mono c-Si PERC Module	DESERV SGALACTIC-535 (535 Wp)	DESERV SGALACTIC-530	20.41	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV SGALACTIC-525	20.22				
								DESERV SGALACTIC-520	20.02				
								DESERV SGALACTIC-515	19.83				
								DESERV SGALACTIC-510	19.63				
					9	Mono c-Si PERC Module	DESERV SGALACTIC-500 (500 Wp)	DESERV SGALACTIC-505	19.44	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV SGALACTIC-500	19.25				
								DESERV SGALACTIC-495	19.06				
								DESERV SGALACTIC-465	21.37				
								DESERV SGALACTIC-460	21.14				
					10	Mono c-Si PERC Module	DESERV SGALACTIC-465 (465 Wp)	DESERV SGALACTIC-420	21.44	120 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV SGALACTIC-415	21.18				
								DESERV SGALACTIC-410	20.93				
								DESERV SGALACTIC-405	20.67				
DESERV SGALACTIC-405	20.67												
11	Mono c-Si PERC Module	DESERV SGALACTIC-415 (415 Wp)	BIN-17-605	21.64	156 (Half Cut Cells)	1500	18.08.2024	17.08.2028					
			BIN-17-610	21.82									
			BIN-17-615	22.00									
			BIN-17-620	22.18									
			BIN-17-625	22.36									
i	Bifacial N - Type TOPCon Module	BIN-17-615 (615 Wp)	BIN-08-560	21.68	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028					
			BIN-08-565	21.87									
			BIN-08-570	22.07									
			BIN-08-575	22.26									
			BIN-08-580	22.45									
ii	Bifacial N - Type TOPCon Module	BIN-08-570 (570 Wp)	WSMD-520	20.2	144 (Half-Cut Cells)	1500	18.08.2024	17.08.2028					
			WSMD-525	20.39									
			WSMD-530	20.58									
			WSMD-535	20.78									
			WSMD-540	20.97									
iii	Mono c-Si PERC Modules	WSMD-540 (540Wp)	WSMD-545	21.17	144 (Half-Cut Cells)	1500	18.08.2024	17.08.2028					
			WSMD-550	21.36									
			WSMD-580	20.35									
			WSMD-585	20.52									
			WSMD-590	20.7									
iv	Mono c-Si PERC Modules	WSMD-600 (600Wp)	WSMD-595	20.88	120 (Half-Cut Cells)	1500	18.08.2024	17.08.2028					
			WSMD-600	21.06									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					v	Mono c-Si PERC Modules	WSMD-650 (650Wp)	WSMD-605 WSMD-630 WSMD-635 WSMD-640 WSMD-645 WSMD-650	21.24 20.16 20.32 20.48 20.64 20.8	132 (Half-Cut Cells)	1500	18.08.2024	17.08.2028
					vi	Bifacial Mono c-Si PERC Modules	Bi-55-540 (540Wp)	Bi-55-520 Bi-55-525 Bi-55-530 Bi-55-535 Bi-55-540 Bi-55-545 Bi-55-550	20.2 20.39 20.58 20.78 20.97 21.17 21.36	144 (Half-Cut Cells)	1500	18.08.2024	17.08.2028
					vii	Bifacial Mono c-Si PERC Modules	Bi-66-600 (600Wp)	Bi-66-580 Bi-66-585 Bi-66-590 Bi-66-595 Bi-66-600	20.35 20.52 20.7 20.88 21.06	120 (Half-Cut Cells)	1500	18.08.2024	17.08.2028
					viii	Bifacial Mono c-Si PERC Modules	Bi-68-650 (650Wp)	Bi-68-630 Bi-68-635 Bi-68-640 Bi-68-645 Bi-68-650	20.16 20.32 20.48 20.64 20.8	132 (Half-Cut Cells)	1500	18.08.2024	17.08.2028
29	M/s. Goldi Sun Private Limited	City Survey No. 920, Vijalpore Road, TA, Distt. Navsari, Gujarat - 396445, India	R-72006149	3912	i	Mono c-Si PERC Module	GS10-M144-WF-525 (525 Wp)	GS10-M144-WF-500 GS10-M144-WF-505 GS10-M144-WF-510 GS10-M144-WF-515 GS10-M144-WF-520 GS10-M144-WF-525 GS10-M144-WF-530 GS10-M144-WF-535 GS10-M144-WF-540 GS10-M144-WF-545 GS10-M144-WF-550	19.36 19.54 19.75 19.94 20.13 20.33 20.53 20.73 20.92 21.11 21.30	144 (Half-Cut Cells)	1500	27.09.2024	26.09.2028
					ii	Bifacial Mono c-Si PERC Module	GS10-B144-TF-535 (535Wp)	GS10-B144-TF-525 GS10-B144-TF-530 GS10-B144-TF-535 GS10-B144-TF-540 GS10-B144-TF-545 GS10-B144-TF-550	20.33 20.53 20.73 20.92 21.10 21.30	144 (Half-Cut Cells)	1500	27.09.2024	26.09.2028
					iii	Bifacial Mono c-Si PERC Module	GS10-B144-GF-535 (535Wp)	GS10-B144-GF-525 GS10-B144-GF-530 GS10-B144-GF-535 GS10-B144-GF-540 GS10-B144-GF-545 GS10-B144-GF-550	20.34 20.53 20.73 20.92 21.10 21.30	144 (Half-Cut Cells)	1500	27.09.2024	26.09.2028
					iv	Mono c-Si PERC Module	GS10-M132-WF-500 (500Wp)	GS10-M132-WF-500 GS10-M132-WF-505	21.06 21.28	132 (Half Cut Cells)	1500	27.09.2024	26.09.2028
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	GS10-T144-GF-575 (575Wp)	GS10-T144-GF-555 GS10-T144-GF-560 GS10-T144-GF-565 GS10-T144-GF-570 GS10-T144-GF-575 GS10-T144-GF-580 GS10-T144-GF-585 GS10-T144-GF-590 GS10-T144-GF-595	21.47 21.67 21.86 22.05 22.26 22.45 22.64 22.83 23.03	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
					vi	Bifacial-N-Type TOPCon Module (Glass to Glass)	GS10-T132-GF-535 (535Wp)	GS10-T132-GF-515 GS10-T132-GF-520 GS10-T132-GF-525 GS10-T132-GF-530 GS10-T132-GF-535 GS10-T132-GF-540 GS10-T132-GF-545 GS10-T132-GF-550	21.68 21.89 22.10 22.31 22.52 22.73 22.94 23.15	132 (Half Cut Cells)	1500	27.09.2024	26.09.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity					
												From	To (subject to valid BIS Registration; else deemed to be delisted)				
					vii	Bifacial-N-Type TOPCon Module (Glass to Glass)	GS10-T120-GF-485 (485Wp)	GS10-T120-GF-465	21.47	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028				
								GS10-T120-GF-470	21.70								
								GS10-T120-GF-475	21.93								
								GS10-T120-GF-480	22.16								
								GS10-T120-GF-485	22.39								
								GS10-T120-GF-490	22.62								
								GS10-T120-GF-495	22.85								
								GS10-T120-GF-500	23.08								
					viii	Bifacial-N-Type TOPCon Module (Glass to Glass)	GS10-T108-GF-425 (425Wp)	GS10-T108-GF-415	21.15	108 (Half Cut Cells)	1500	27.09.2024	26.09.2028				
								GS10-T108-GF-420	21.41								
								GS10-T108-GF-425	21.66								
								GS10-T108-GF-430	21.92								
								GS10-T108-GF-435	22.17								
								GS10-T108-GF-440	22.43								
								GS10-T108-GF-445	22.68								
								GS10-T108-GF-450	22.94								
					ix	Bifacial-N-Type TOPCon Modules (Glass to Glass)	GS10-T144-GF-535 (535Wp)	GS10-T144-GF-520	20.13	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028				
								GS10-T144-GF-525	20.32								
								GS10-T144-GF-530	20.52								
								GS10-T144-GF-535	20.71								
GS10-T144-GF-540	20.90																
GS10-T144-GF-545	21.10																
GS10-T144-GF-550	21.29																
GS10-T144-GF-555	21.48																
x	Mono c-Si PERC Module	GS10-B108-TF-395 (395Wp)	GS10-B108-TF-390	19.88	108 (Half Cut Cells)	1500	27.09.2024	26.09.2028									
			GS10-B108-TF-395	20.13													
			GS10-B108-TF-400	20.39													
			GS10-B108-TF-405	20.64													
30	M/s. SASA Energy LLP	S.No. 193, Opposite Dargah, Morbi-Halvad Road, At-Nichi Mandal, Morbi - Rajkot, Gujarat - 363642, India	R-72005681	100	i	Mono c-Si PERC Module	SASA265C-72 (265 Wp)	SASA255C-72	19.06	72 (Half cut Cells)	1500	27.09.2024	26.09.2028				
								SASA260C-72	19.43								
								SASA265C-72	19.80								
								SASA270C-72	20.18								
								SASA275C-72	20.55								
								SASA335C-96	19.06					96 (Half Cut cells)	1500	27.09.2024	26.09.2028
								SASA340C-96	19.34								
								SASA345C-96	19.63								
					SASA350C-96	19.91											
					SASA355C-96	20.20											
					SASA360C-96	20.48											
					SASA365C-96	20.76											
					SASA375C-108	19.11	108 (Half Cut Cells)	1500	27.09.2024	26.09.2028							
					SASA380C-108	19.37											
					SASA385C-108	19.62											
					SASA390C-108	19.88											
					SASA395C-108	20.13											
					SASA400C-108	20.39											
					SASA405C-108	20.64											
					iii	Mono c-Si PERC Module					SASA395C-108 (395 Wp)	SASA395C-108	20.13	108 (Half Cut Cells)	1500	27.09.2024	26.09.2028
		SASA400C-108	20.39														
		SASA405C-108	20.64														

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity						
												From	To (subject to valid BIS Registration; else deemed to be delisted)					
						iv	Mono c-Si PERC Module	SASA435C-120 (435 Wp)	SASA410C-108	20.90	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028				
									SASA415C-120	19.11			27.09.2024	26.09.2028				
									SASA420C-120	19.34			27.09.2024	26.09.2028				
									SASA425C-120	19.57			27.09.2024	26.09.2028				
									SASA430C-120	19.80			27.09.2024	26.09.2028				
									SASA435C-120	20.03			27.09.2024	26.09.2028				
									SASA440C-120	20.26			27.09.2024	26.09.2028				
									SASA445C-120	20.49			27.09.2024	26.09.2028				
									SASA450C-120	20.72			27.09.2024	26.09.2028				
									SASA455C-120	20.95			27.09.2024	26.09.2028				
									SASA460C-132	19.41			27.09.2024	26.09.2028				
									SASA465C-132	19.62			27.09.2024	26.09.2028				
					SASA470C-132	19.83	27.09.2024	26.09.2028										
					SASA475C-132	20.04	27.09.2024	26.09.2028										
					SASA480C-132	20.25	27.09.2024	26.09.2028										
					SASA485C-132	20.46	27.09.2024	26.09.2028										
					SASA490C-132	20.67	27.09.2024	26.09.2028										
					SASA495C-132	20.88	27.09.2024	26.09.2028										
					SASA500C-132	21.10	27.09.2024	26.09.2028										
					SASA500C-144	19.35	27.09.2024	26.09.2028										
					SASA505C-144	19.55	27.09.2024	26.09.2028										
					SASA510C-144	19.74	27.09.2024	26.09.2028										
					SASA515C-144	19.94	27.09.2024	26.09.2028										
					SASA520C-144	20.13	27.09.2024	26.09.2028										
					SASA525C-144	20.32	27.09.2024	26.09.2028										
					SASA530C-144	20.52	27.09.2024	26.09.2028										
					SASA535C-144	20.71	27.09.2024	26.09.2028										
					SASA540C-144	20.90	27.09.2024	26.09.2028										
					SASA545C-144	21.09	27.09.2024	26.09.2028										
					SASA550C-144	21.29	27.09.2024	26.09.2028										
					SASA380M72	19.11	27.09.2024	26.09.2028										
					SASA385M72	19.37	27.09.2024	26.09.2028										
					SASA390M72	19.62	27.09.2024	26.09.2028										
					SASA395M72	19.87	27.09.2024	26.09.2028										
					SASA400M72	20.17	27.09.2024	26.09.2028										
					SASA355M66	19.20	27.09.2024	26.09.2028										
					SASA355M66	19.48	27.09.2024	26.09.2028										
					SASA360M66	19.75	27.09.2024	26.09.2028										
					SASA320M60	19.25	27.09.2024	26.09.2028										
					SASA325M60	19.55	27.09.2024	26.09.2028										
					SASA330M60	19.85	27.09.2024	26.09.2028										
					SASA290M54	19.30	27.09.2024	26.09.2028										
					SASA295M54	19.63	27.09.2024	26.09.2028										
					SASA300M54	19.90	27.09.2024	26.09.2028										
					SASA305M54	20.34	27.09.2024	26.09.2028										
					SASA255M48	19.00	27.09.2024	26.09.2028										
					SASA260M48	19.37	27.09.2024	26.09.2028										
					SASA265M48	19.74	27.09.2024	26.09.2028										
					SASA24MPC385	19.17	27.09.2024	26.09.2028										
					SASA24MPC390	19.42	27.09.2024	26.09.2028										
					SASA24MPC395	19.67	27.09.2024	26.09.2028										
					SASA24MPC400	19.70	27.09.2024	26.09.2028										
					SASA24MPC405	20.20	27.09.2024	26.09.2028										
					SEPLM10-550	21.29	144 (Half Cut Cell)	1500	27.09.2024	26.09.2028								
					SEPLM10-545	21.10												
					SEPLM10-540	20.90												
					SEPLM10-535	20.71												
					SEPLM10-530	20.52												
					SEPLM10-525	20.32												
					SEPLM10-520	20.13												
					SEPLM10-515	19.94												
					SEPLM10-510	19.74												
					SEPLM10-505	19.55												
					SEPLM10-500	19.36												
					SEPLM10-495	19.16												
					SEPLM10-480	20.1												
					31	M/s. SUNBOND Energy Pvt. Ltd.					S.No. 181/P2 Opp. 66 kV substation, Mitana- Padadhari Road , Mitana, Rajkot, Gujarat 363650, India	R-72005762	271	i	Mono c-Si PERC Module	SEPLM10-525 (525 Wp)		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Mono c-Si PERC Module	SEPLM10-460 (460 Wp)	SEPLM10-475 SEPLM10-470 SEPLM10-465 SEPLM10-460 SEPLM10-455 SEPLM10-440	19.89 19.68 19.47 19.26 19.05 20.2	132(Half Cut Cell)	1500	27.09.2024	26.09.2028
					iii	Mono c-Si PERC Module	SEPLM10-425 (425 Wp)	SEPLM10-435 SEPLM10-430 SEPLM10-425 SEPLM10-420 SEPLM10-415	19.97 19.74 19.51 19.28 19.05	120(Half Cut Cell)	1500	27.09.2024	26.09.2028
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SEPLM10 B156-580 (580Wp)	SEPLM10 B156-600 SEPLM10 B156-595 SEPLM10 B156-590 SEPLM10 B156-585 SEPLM10 B156-580 SEPLM10 B156-575 SEPLM10 B156-570 SEPLM10 B156-565	21.47 21.29 21.11 20.94 20.76 20.58 20.4 20.22	156(Half Cut Cell)	1500	27.09.2024	26.09.2028
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SEPLM10 B144-540 (540Wp)	SEPLM10 B144-560 SEPLM10 B144-555 SEPLM10 B144-550 SEPLM10 B144-545 SEPLM10 B144-540 SEPLM10 B144-535 SEPLM10 B144-530	21.68 21.48 21.29 21.1 20.9 20.71 20.52	144(Half Cut Cell)	1500	27.09.2024	26.09.2028
					vi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SEPLM10 B132-500 (500Wp)	SEPLM10 B132-515 SEPLM10 B132-510 SEPLM10 B132-505 SEPLM10 B132-500 SEPLM10 B132-495 SEPLM10 B132-490	21.69 21.48 21.27 21.06 20.84 20.63	132(Half Cut Cell)	1500	27.09.2024	26.09.2028
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SEPLM10 B120-460 (460Wp)	SEPLM10 B120-480 SEPLM10 B120-475 SEPLM10 B120-470 SEPLM10 B120-465 SEPLM10 B120-460 SEPLM10 B120-455 SEPLM10 B120-450	22.21 21.98 21.74 21.51 21.28 21.05 20.82	120(Half Cut Cell)	1500	27.09.2024	26.09.2028
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SEPLM10 B108-420 (420Wp)	SEPLM10 B108-440 SEPLM10 B108-435 SEPLM10 B108-430 SEPLM10 B108-425 SEPLM10 B108-420 SEPLM10 B108-415 SEPLM10 B108-410 SEPLM10 B108-405	22.53 22.27 22.02 21.76 21.51 21.25 20.99 20.74	108(Half Cut Cell)	1500	27.09.2024	26.09.2028
					ix	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SEPLT16B 156-620 (620Wp)	SEPLT16B 156-640 SEPLT16B 156-635 SEPLT16B 156-630 SEPLT16B 156-625 SEPLT16B 156-620 SEPLT16B 156-615 SEPLT16B 156-610 SEPLT16B 156-605 SEPLT16B 156-600	22.9 22.72 22.55 22.37 22.19 22.01 21.83 21.65 21.47	156(Half Cut Cell)	1500	27.09.2024	26.09.2028
					x	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SEPLT16B 144-580 (580Wp)	SEPLT16B 144-595 SEPLT16B 144-590 SEPLT16B 144-585 SEPLT16B 144-580 SEPLT16B 144-575 SEPLT16B 144-570	23.03 22.84 22.64 22.45 22.26 22.06	144(Half Cut Cell)	1500	27.09.2024	26.09.2028
					xi	Bifacial N-Type TOPCon Module	SEPLT16B 132-540	SEPLT16B 132-560 SEPLT16B 132-555 SEPLT16B 132-550 SEPLT16B 132-545	23.58 23.37 23.16 22.95	132(Half Cut Cell)	1500	27.09.2024	26.09.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xi	(Glass to Transparent Backsheet)	(540Wp)	SEPLT16B 132-540	22.74	132(Half Cut Cell)	1300	27.09.2024	26.09.2028
								SEPLT16B 132-535	22.53				
								SEPLT16B 132-530	22.32				
								SEPLT16B 132-525	22.11				
					xii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SEPLT16B 120-500 (500Wp)	SEPLT16B 120-510	23.59	120(Half Cut Cell)	1500	27.09.2024	26.09.2028
								SEPLT16B 120-505	23.36				
								SEPLT16B 120-500	23.13				
								SEPLT16B 120-495	22.9				
								SEPLT16B 120-490	22.67				
								SEPLT16B 120-485	22.44				
								SEPLT16B 120-480	22.21				
								SEPLT16B 120-475	21.98				
					xiii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SEPLT16B 108-430 (430Wp)	SEPLT16B 108-450	23.04	108(Half Cut Cell)	1500	27.09.2024	26.09.2028
								SEPLT16B 108-445	22.79				
								SEPLT16B 108-440	22.53				
								SEPLT16B 108-435	22.27				
								SEPLT16B 108-430	22.02				
								SEPLT16B 108-425	21.76				
								SEPLT16B 108-420	21.51				
								SEPLT16B 108-415	21.25				
								32	M/s. Emmvee Photovoltaic Power Private Limited				
E540HCMW144	20.90												
E535HCMW144	20.71												
E530HCMW144	20.52												
E525HCMW144	20.32												
E520HCMW144	20.13												
E515HCMW144	19.94												
E510HCMW144	19.74												
E505HCMW144	19.55												
E500HCMW144	19.36												
E495HCMW144	19.16												
E455HCMW144	21.10												
ii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E520HCBG144 (520 Wp)	E545HCBG144	20.90	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028					
			E540HCBG144	20.71									
			E535HCBG144	20.52									
			E530HCBG144	20.32									
			E525HCBG144	20.13									
			E520HCBG144	19.94									
			E515HCBG144	19.74									
			E510HCBG144	19.55									
iii	Mono c-Si PERC Modules	E430HCMW120 (430 Wp)	E505HCBG144	19.36	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028					
			E500HCBG144	19.16									
			E495HCBG144	20.74									
			E450HCMW120	20.51									
			E445HCMW120	20.28									
			E440HCMW120	20.05									
			E435HCMW120	19.82									
			E430HCMW120	19.59									
iv	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E430HCBG120 (430 Wp)	E420HCMW120	19.36	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028					
			E425HCMW120	19.13									
			E415HCMW120	20.74									
			E450HCBG120	20.51									
			E445HCBG120	20.28									
			E440HCBG120	20.05									
			E435HCBG120	19.82									
			E430HCBG120	19.59									
v	Mono c-Si PERC Modules	E550HCMW144 (550 Wp)	E550HCMW144	21.29	144 Half Cut Cells	1500	27.09.2024	26.09.2028					
vi	Bifacial Mono c-Si PERC Module (Glass to Glass)	E550HCBG144 (550 Wp)	E550HCBG144	21.29	144 Half Cut Cells	1500	27.09.2024	26.09.2028					
vii	Bifacial Mono c-Si PERC Modules	E395HCBG108 (395 Wp)	E395HCBG108	E385HCBG108	19.74	108 Half Cut Cells	1500	27.09.2024	26.09.2028				
				E390HCBG108	20.00								
				E395HCBG108	20.25								

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity					
												From	To (subject to valid BIS Registration; else deemed to be delisted)				
						(Glass to Glass)	(395 Wp)	E400HCBG108	20.51								
								E405HCBG108	20.76								
					viii	Bifacial Mono c-Si PERC Module (Glass to Glass)	E490HCBG132 (490 Wp)	E480HCBG132	20.19	132 Half Cut Cells	1500	27.09.2024	26.09.2028				
							E485HCBG132	20.40									
							E490HCBG132	20.61									
							E495HCBG132	20.82									
							E500HCBG132	21.03									
							E385HCMW108	19.74									
					ix	Mono c-Si PERC Module	E395HCMW108 (395 Wp)	E390HCMW108	20.00	108 Half Cut Cells	1500	27.09.2024	26.09.2028				
							E395HCMW108	20.25									
							E400HCMW108	20.51									
							E405HCMW108	20.76									
							E480HCMW132	20.19									
							E485HCMW132	20.40									
					x	Mono c-Si PERC Module	E490HCMW132 (490 Wp)	E490HCMW132	20.61	132 Half Cut Cells	1500	27.09.2024	26.09.2028				
							E495HCMW132	20.82									
							E500HCMW132	21.03									
							E550HCBT144	21.29									
							E545HCBT144	21.10									
							E540HCBT144	20.90									
					xi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E525HCBT144 (525 Wp)	E535HCBT144	20.71	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028				
							E530HCBT144	20.52									
							E525HCBT144	20.32									
							E520HCBT144	20.13									
							E515HCBT144	19.94									
							E510HCBT144	19.74									
							E505HCBT144	19.55									
							E500HCBT144	19.35									
					xii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E495HCBT144 (495 Wp)	E495HCBT144	19.16					144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
					xiii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E490HCBT132 (490 Wp)	E500HCBT132	21.03					132 (Half Cut Cells)	1500	27.09.2024	26.09.2028
							E495HCBT132	20.81									
							E490HCBT132	20.60									
							E485HCBT132	20.39									
							E480HCBT132	20.18									
							E450HCBT120	20.74									
					xiv	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E430HCBT120 (430 Wp)	E445HCBT120	20.51	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028				
							E440HCBT120	20.28									
							E435HCBT120	20.05									
							E430HCBT120	19.82									
							E425HCBT120	19.59									
							E420HCBT120	19.36									
					xv	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E395HCBT108 (395 Wp)	E405HCBT108	20.76	108 (Half Cut Cells)	1500	27.09.2024	26.09.2028				
							E400HCBT108	20.51									
							E395HCBT108	20.25									
							E390HCBT108	19.99									
							E385HCBT108	19.74									
							E580HCBG144-T	22.45									
					xvi	Bifacial N-Type TOPCon Modules (Glass to Glass)	E555HCBG144-T (555 Wp)	E575HCBG144-T	22.26	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028				
							E570HCBG144-T	22.06									
							E565HCBG144-T	21.87									
							E560HCBG144-T	21.68									
							E555HCBG144-T	21.48									
							E550HCBG144-T	21.29									
							E545HCBG144-T	21.10									
							E540HCBG144-T	20.90									
							E535HCBG144-T	20.71									
							E530HCBG144-T	20.52									
					xvii	Bifacial N-Type TOPCon Modules (Glass to Glass)	E525HCBG144-T (525 Wp)	E525HCBG144-T	20.32					144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
							E530HCBG132-T	22.29									
							E525HCBG132-T	22.08									
							E520HCBG132-T	21.87									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity								
												From	To (subject to valid BIS Registration; else deemed to be delisted)							
					xviii	Bifacial N-Type TOPCon Modules (Glass to Glass)	E505HCBG132-T (505 Wp)	E515HCBG132-T	21.66	132 (Half Cut Cells)	1500	27.09.2024	26.09.2028							
								E510HCBG132-T	21.45											
								E505HCBG132-T	21.24											
								E500HCBG132-T	21.03											
								E495HCBG132-T	20.81											
								E490HCBG132-T	20.60											
								E485HCBG132-T	20.39											
								E480HCBG132-T	20.18											
								E480HCBG120-T	22.13											
								E475HCBG120-T	21.90											
					xix	Bifacial N-Type TOPCon Modules (Glass to Glass)	E460HCBG120-T (460 Wp)	E470HCBG120-T	21.66	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028							
								E465HCBG120-T	21.43											
								E460HCBG120-T	21.20											
								E455HCBG120-T	20.97											
								E450HCBG120-T	20.74											
								E445HCBG120-T	20.51											
								E440HCBG120-T	20.28											
								E435HCBG108-T	22.30											
								E430HCBG108-T	22.04											
								E425HCBG108-T	21.79											
					xx	Bifacial N-Type TOPCon Modules (Glass to Glass)	E415HCBG108-T (415 Wp)	E420HCBG108-T	21.53	108 (Half Cut Cells)	1500	27.09.2024	26.09.2028							
								E415HCBG108-T	21.28											
								E410HCBG108-T	21.02											
								E405HCBG108-T	20.76											
								E400HCBG108-T	20.51											
								E395HCBG108-T	20.25											
								SGMJ156BG-595	21.28											
								SGMJ156BG-590	21.10											
								SGMJ156BG-585	20.92											
								SGMJ156BG-580	20.74											
33	M/s. Ganesh Green Bharat Limited (Formally Known as M/s. Ganesh Electrical Pvt. Ltd.)	Survey No. 319/320/321, Tundali, Tundali approach road, Behind Honest Restaurant, Near Nadasan Flyover, Mehsna - 382732, Gujarat	R-72005886	579	i	Bifacial Mono c-Si Perc Module (Glass to Glass)	SGMJ156BG-570 (570 Wp)	SGMJ156BG-575	20.56	156 (Half Cut Cells)	1500	25.01.2025	24.01.2029							
								SGMJ156BG-570	20.38											
								SGMJ156BG-565	20.20											
								SGMJ156BG-560	20.03											
								SGMJ156BG-555	19.85											
								SGMJ156BG-550	19.67											
								SGMJ156BG-545	19.49											
								SGMJ156BG-540	19.31											
								ii	Bifacial Mono c-Si Perc Module (Glass to Glass)					SGMJ156BG-540 (540 Wp)	SGMJ156BG-540	19.31	156 (Half Cut Cells)	1500	25.01.2025	24.01.2029
															SGMJ144BG-550	21.29				
SGMJ144BG-545	21.10																			
SGMJ144BG-540	20.90																			
SGMJ144BG-535	20.71																			
SGMJ144BG-530	20.52																			
SGMJ144BG-525	20.32																			
SGMJ144BG-520	20.13																			
SGMJ144BG-515	19.94																			
SGMJ144BG-510	19.74																			
iii	Bifacial Mono c-Si Perc Module (Glass to Glass)	SGMJ144BG-525 (525 Wp)	SGMJ144BG-505	19.55	144 (Half Cut Cells)	1500	25.01.2025	24.01.2029												
			SGMJ144BG-500	19.36																
			SGMJ144BG-495	19.16																
			iv	Bifacial Mono c-Si Perc Module (Glass to Glass)					SGMJ144BG-495 (495 Wp)	SGMJ144BG-495	19.16	144 (Half Cut Cells)	1500	25.01.2025	24.01.2029					
										SGMJ132BG-500	21.06									
										SGMJ132BG-495	20.85									
										SGMJ132BG-490	20.64									
										SGMJ132BG-485	20.42									
										SGMJ132BG-480	20.21									
										SGMJ132BG-475	20.00									
SGMJ132BG-470	19.79																			
SGMJ132BG-465	19.58																			
SGMJ132BG-460	19.37																			
v	Bifacial Mono c-Si Perc Module (Glass to Glass)	SGMJ132BG-480 (480 Wp)	SGMJ132BG-480	20.21	132 (Half Cut Cells)	1500	25.01.2025	24.01.2029												
			SGMJ132BG-475	20.00																
			SGMJ132BG-470	19.79																
			SGMJ132BG-465	19.58																
			SGMJ132BG-460	19.37																

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vi	Bifacial Mono c-Si Perc Module (Glass to Glass)	SGMJ132BG-455 (455 Wp)	SGMJ132BG-455	19.16	132 (Half Cut Cells)	1500	25.01.2025	24.01.2029
					vii	Bifacial Mono c-Si Perc Module (Glass to Glass)	SGMJ120BG-435 (435 Wp)	SGMJ120BG-455	21.01	120 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ120BG-450	20.78				
								SGMJ120BG-445	20.55				
								SGMJ120BG-440	20.31				
								SGMJ120BG-435	20.08				
								SGMJ120BG-430	19.85				
								SGMJ120BG-425	19.62				
								SGMJ120BG-420	19.39				
								SGMJ120BG-415	19.16				
								SGMJ108BG-395	20.18				
					SGMJ108BG-390	19.93	108 (Half Cut Cells)	1500	25.01.2025	24.01.2029			
					SGMJ108BG-385	19.67							
					SGMJ108BG-380	19.41							
					SGMJ108BG-375	19.16							
					SGMJ156BT-595	21.28							
					SGMJ156BT-590	21.10	156 (Half Cut Cells)	1500	25.01.2025	24.01.2029			
					SGMJ156BT-585	20.92							
					SGMJ156BT-580	20.74							
					SGMJ156BT-575	20.56							
					SGMJ156BT-570	20.38							
					SGMJ144BT-550	21.29							
					SGMJ144BT-545	21.10	144 (Half Cut Cells)	1500	25.01.2025	24.01.2029			
					SGMJ144BT-540	20.90							
					SGMJ144BT-535	20.71							
					SGMJ144BT-530	20.52							
					SGMJ144BT-525	20.32							
					SGMJ144BT-520	20.13							
					SGMJ144BT-515	19.94							
					SGMJ144BT-510	19.74							
					SGMJ144BT-505	19.55							
					SGMJ144BT-500	19.36							
					xi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SGMJ144BT-495 (495 Wp)	SGMJ144BT-495	19.16	144 (Half Cut Cells)	1500	25.01.2025	24.01.2029
					xii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SGMJ132BT-480 (480 Wp)	SGMJ132BT-500	21.06	132 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ132BT-495	20.85				
								SGMJ132BT-490	20.64				
								SGMJ132BT-485	20.42				
								SGMJ132BT-480	20.21				
								SGMJ132BT-475	20.00				
								SGMJ132BT-470	19.79				
								SGMJ132BT-465	19.58				
					SGMJ132BT-460	19.37							
					xiii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SGMJ132BT-455 (455 Wp)	SGMJ132BT-455	19.16	132 (Half Cut Cells)	1500	25.01.2025	24.01.2029
					xiv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SGMJ120BT-435 (435 Wp)	SGMJ120BT-455	21.01	120 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ120BT-450	20.78				
								SGMJ120BT-445	20.55				
								SGMJ120BT-440	20.31				
								SGMJ120BT-435	20.08				
								SGMJ120BT-430	19.85				
								SGMJ120BT-425	19.62				
								SGMJ120BT-420	19.39				
								SGMJ120BT-415	19.16				
								SGMJ108BT-395	20.18				
					SGMJ108BT-390	19.93	108 (Half Cut Cells)	1500	25.01.2025	24.01.2029			
					SGMJ108BT-385	19.67							
					SGMJ108BT-380	19.41							

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								SGMJ108BT-375	19.16				
								SGMJ96-365	21.04				
								SGMJ96-360	20.76				
								SGMJ96-355	20.47				
					xvi	Mono c-Si PERC Module	SGMJ96-350 (350 Wp)	SGMJ96-350	20.18	96 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ96-345	19.89				
								SGMJ96-340	19.60				
								SGMJ96-335	19.31				
								SGMJ96-330	19.03				
								SGMJ84-325	21.32				
								SGMJ84-320	20.99				
					xvii	Mono c-Si PERC Module	SGMJ84-315 (315 Wp)	SGMJ84-315	20.66	84 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ84-310	20.33				
								SGMJ84-305	20.00				
								SGMJ84-300	19.68				
								SGMJ84-295	19.35				
								SGMJ72-285	21.68				
								SGMJ72-280	21.29				
					xviii	Mono c-Si PERC Module	SGMJ72-275 (275 Wp)	SGMJ72-275	20.91	72 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ72-270	20.53				
								SGMJ72-265	20.15				
								SGMJ72-260	19.77				
								SGMJ60-250	22.62				
								SGMJ60-245	22.17				
					xix	Mono c-Si PERC Module	SGMJ60-240 (240 Wp)	SGMJ60-240	21.72	60 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ60-235	21.27				
								SGMJ60-230	20.81				
								SGMJ60-225	20.36				
								SGMJ54-220	22.00				
								SGMJ54-215	21.50				
					xx	Mono c-Si PERC Module	SGMJ54-210 (210 Wp)	SGMJ54-210	21.00	54 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ54-205	20.50				
								SGMJ54-200	20.00				
								SGMJ48-195	21.78				
								SGMJ48-190	21.22				
								SGMJ48-185	20.66				
								SGMJ48-180	20.11				
								SGMJ48-170	19.30				
								SGMJ12-060	21.50				
					xxii	Mono c-Si PERC Module	SGMJ12-055 (55 Wp)	SGMJ12-055	21.00	12 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGM-400	20.61				
								SGM-395	20.36				
								SGM-390	20.01				
								SGM-385	19.84				
								SGM-380	19.58				
								SGM-375	19.33				
								SGM-345	19.30				
					xxiv	Mono PERC C-Si Modules	SGM-345 (345 Wp)	SGM-345	19.30	66 (Full Cell)	1500	25.01.2025	24.01.2029
								SGM-340	19.02				
					xxv	Mono PERC C-Si Modules	SGM-330 (330 Wp)	SGM-330	20.33	66 (Full Cell)	1500	25.01.2025	24.01.2029
								SGMJ144-520	20.13				
								SGMJ144-525	20.32				
								SGMJ144-530	20.52				
								SGMJ144-535	20.71				
								SGMJ144-540	20.90				
								SGMJ144-545	21.09				
								SGMJ144-550	21.29				
					xxvii	Mono c-Si PERC Module	SGMJ132-455 (455Wp)	SGMJ132-455	19.16	132 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ132-460	19.37				
								SGMJ132-465	19.58				
								SGMJ132-470	19.79				
								SGMJ132-475	20.00				
								SGMJ132-480	20.21				
					xxviii	Mono c-Si PERC Module	SGMJ132-480 (480Wp)	SGMJ132-480	20.21	132 (Half Cut Cells)	1500	25.01.2025	24.01.2029

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								SGMJ132-485	20.42				
								SGMJ132-490	20.63				
								SGMJ132-495	20.84				
								SGMJ132-500	21.06				
								SGMJ120-415	19.17				
								SGMJ120-420	19.40				
								SGMJ120-425	19.63				
								SGMJ120-430	19.86				
					xxix	Mono c-Si PERC Module	SGMJ120-435 (435Wp)	SGMJ120-435	20.09	120 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ120-440	20.32				
								SGMJ120-445	20.56				
								SGMJ120-450	20.79				
								SGMJ120-455	21.02				
								SGMJ108-375	19.20				
								SGMJ108-380	19.46				
								SGMJ108-385	19.71				
					xxx	Mono c-Si PERC Module	SGMJ108-385 (385Wp)	SGMJ108-390	19.97	108 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ108-395	20.23				
								H500M144	19.36				
								H505M144	19.55				
								H510M144	19.74				
								H515M144	19.94				
								H520M144	20.13				
								H525M144	20.32				
								H530M144	20.52				
								H535M144	20.71				
								H540M144	20.9				
								H545M144	21.10				
								H195M36	19.19				
								H200M36	19.69				
								H335M96	19.16				
								H340M96	19.44				
								H345M96	19.73				
								H350M96	20.02				
								H355M96	20.3				
								H360M96	20.59				
								H375M108	19.16				
								H380M108	19.41				
								H385M108	19.67				
								H390M108	19.93				
								H395M108	20.18				
								H400M108	20.44				
								H405M108	20.69				
								H415M120	19.16				
								H420M120	19.39				
								H425M120	19.62				
								H430M120	19.85				
								H435M120	20.08				
								H440M120	20.31				
								H445M120	20.55				
								H450M120	20.78				
								H460M132	19.37				
								H465M132	19.58				
								H470M132	19.79				
								H475M132	20.00				
								H480M132	20.21				
								H485M132	20.42				
								H490M132	20.64				
								H495M132	20.85				
								H500M132	21.06				
								H455M132	19.16				
								H295M84	19.16				
								H300M84	19.48				
34	M/s. H R Solar Solution Private Limited	Raghudebpur, NH-6, Panchla, Block-Uluberia-II, Uluberia, Howrah - 711322, West Bengal	R-51001686	149	vi	Bifacial Mono c-Si PERC Module	H525M144 (525)	H525M144	20.32	144 (Half Cut Cells)	1500	25.01.2025	24.01.2029
					vii	Mono c-Si PERC Module	H195M36 (195Wp)	H195M36	19.19	36(Full Cells)	1500	25.01.2025	24.01.2029
					viii	Mono c-Si PERC Module	H350M96 (350Wp)	H350M96	20.02	96 (Half Cut Cells)	1500	25.01.2025	24.01.2029
					ix	Mono c-Si PERC Module	H390M108 (390Wp)	H390M108	19.93	108(Half Cut Cells)	1500	25.01.2025	24.01.2029
					x	Mono c-Si PERC Module	H430M120 (430Wp)	H430M120	19.85	120(Half Cut Cells)	1500	25.01.2025	24.01.2029
					xi	Mono c-Si PERC Module	H480M132 (480Wp)	H480M132	20.21	132(Half Cut Cells)	1500	25.01.2025	24.01.2029
					xii	Mono c-Si PERC Module	H455M132 (455Wp)	H455M132	19.16	132(Half Cut Cells)	1500	25.01.2025	24.01.2029

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity			
												From	To (subject to valid BIS Registration; else deemed to be delisted)		
					xiii	Mono c-Si PERC Module	H305M84 (305Wp)	H305M84	19.81	84(Half Cut Cells)	1500	25.01.2025	24.01.2029		
								H310M84	20.13						
								H315M84	20.45						
								H320M84	20.78						
					xiv	Mono c-Si PERC Module	H260M72 (260Wp)	H255M72	19.15	72 (Half Cut Cells)	1500	25.01.2025	24.01.2029		
								H260M72	19.53						
								H265M72	19.91						
								H270M72	20.28						
					xv	Mono c-Si PERC Module	H230M64 (230Wp)	H230M64	19.33	64 (Half Cut Cells)	1500	25.01.2025	24.01.2029		
								H235M64	19.75						
								H240M64	20.17						
								H245M64	20.59						
					xvi	Mono c-Si PERC Module	H325M60 (325Wp)	H325M60	19.23	60 (Full Cells)	1500	25.01.2025	24.01.2029		
								H330M60	19.53						
								H335M60	19.82						
								H340M60	20.12						
					xvii	Mono c-Si PERC Module	H400M72 (400Wp)	H385M72	19.11	72 (Full Cells)	1500	25.01.2025	24.01.2029		
								H390M72	19.36						
								H395M72	19.61						
								H400M72	19.86						
								H405M72	20.11						
								H410M72	20.36						
					xviii	Mono c-Si PERC Module	H60M36 (60Wp)	H60M36	19.08	36(Half Cut Cells)	1500	25.01.2025	24.01.2029		
					xix	Mono c-Si PERC Module	H65M36 (65Wp)	H65M36	19.09*	36(Half Cut Cells)	1500	25.01.2025	24.01.2029		
					xx	Mono c-Si PERC Module	H75M36 (75Wp)	H75M36	19.07	36(Half Cut Cells)	1500	25.01.2025	24.01.2029		
					xxi	Mono c-Si PERC Module	H80M36 (80Wp)	H80M36	19.18	36(Half Cut Cells)	1500	25.01.2025	24.01.2029		
					xxii	Mono c-Si PERC Module	H85M36 (85Wp)	H85M36	19.12	36(Half Cut Cells)	1500	25.01.2025	24.01.2029		
					xxiii	Mono c-Si PERC Module	H90M36 (90Wp)	H90M36	19.02	36(Half Cut Cells)	1500	25.01.2025	24.01.2029		
					xxiv	Mono c-Si PERC Module	H95M36 (95Wp)	H95M36	19.27	36(Half Cut Cells)	1500	25.01.2025	24.01.2029		
					xxv	Mono c-Si PERC Module	H100M36 (100Wp)	H100M36	19.38	36(Half Cut Cells)	1500	25.01.2025	24.01.2029		
					xxvi	Mono c-Si PERC Module	H115M36 (115Wp)	H110M36	19.02	36(Half Cut Cells)	1500	25.01.2025	24.01.2029		
								H115M36	19.89						
								H120M36	19.88						
					xxvii	Mono c-Si PERC Module	H125M36 (125Wp)	H125M36	19.59	36(Half Cut Cells)	1500	25.01.2025	24.01.2029		
xxviii	Mono c-Si PERC Module	H130M36 (130Wp)	H130M36	19.13	36(Half Cut Cells)	1500	25.01.2025	24.01.2029							
			H135M36	19.86											
xxix	Mono c-Si PERC Module	H140M36 (140Wp)	H140M36	19.60	36(Half Cut Cells)	1500	25.01.2025	24.01.2029							
xxx	Mono c-Si PERC Module	H150M36 (150Wp)	H150M36	19.79	36(Half Cut Cells)	1500	25.01.2025	24.01.2029							
			H155M36	20.45											
			H160M36	19.64											
xxxi	Mono c-Si PERC Module	H165M36 (165Wp)	H165M36	20.25	36(Half Cut Cells)	1500	25.01.2025	24.01.2029							
			H170M36	19.47											
			H175M36	20.04											
xxxii	Mono c-Si PERC Module	H175M36 (175Wp)	H175M36	20.04	36(Half Cut Cells)	1500	25.01.2025	24.01.2029							
			H180M36	20.61											
			H185M36	20.07											
xxxiii	Mono c-Si PERC Module	H185M36 (185Wp)	H185M36	20.07	36(Half Cut Cells)	1500	25.01.2025	24.01.2029							
			H190M36	19.05											
			H195M36	19.55											
			H200M36	20.05											
xxxiv	Mono c-Si PERC Module	H195M36 (195Wp)	H195M36	19.55	36(Half Cut Cells)	1500	25.01.2025	24.01.2029							
			H200M36	20.05											
35	M/s. Spark Solar Technologies Pvt. Ltd.	N-4, Rajlaxmi Hitech Textile Park, Sonale Village, Off. Mumbai Nasik Highway Bhiwandi, Thane-421302, Maharashtra	R-71023310	124	i	Mono PERC C-Si Modules	SS 535-144R M10 (535 Wp)	SS 545-144R M10	21.12	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027		
								SS 540-144R M10	20.92						
SS 535-144R M10	20.73														
SS 530-144R M10	20.54														
SS 525-144R M10	20.34														
SS 500-132R M10	21.06														
SS 495-132R M10	20.85														
ii	Mono PERC C-Si Modules	SS 495-132R M10 (495 Wp)	SS 545-144R M10	21.12				132 (Half Cut Cell)	1500					31.05.2023	30.05.2027
			SS 540-144R M10	20.92											

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iii	Bifacial N-Type TOPCon Modules	SS 580-144 TB (580 Wp)	SS 490-132R M10	20.64	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SS 600-144 TB	23.23				
								SS 595-144 TB	23.03				
								SS 590-144 TB	22.84				
								SS 585-144 TB	22.64				
								SS 580-144 TB	22.45				
								SS 575-144 TB	22.26				
								SS 570-144 TB	22.06				
								SS 565-144 TB	21.87				
								SS 560-144 TB	21.68				
					iv	N-Type TOPCon Modules	SS 580-144 T (580 Wp)	SS 555-144 TB	21.48	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SS 600-144 T	23.23				
								SS 595-144 T	23.03				
								SS 590-144 T	22.84				
								SS 585-144 T	22.64				
								SS 580-144 T	22.45				
								SS 575-144 T	22.26				
								SS 570-144 T	22.06				
								SS 565-144 T	21.87				
								SS 560-144 T	21.68				
v	Bifacial N-Type TOPCon Modules	SS 545-132 TB (545 Wp)	SS 555-144 T	21.48	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027					
			SS 550-132 TB	23.16									
			SS 545-132 TB	22.95									
			SS 540-132 TB	22.40									
vi	N-Type TOPCon Modules	SS 545-132 T (545 Wp)	SS 535-132 TB	22.53	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027					
			SS 550-132 T	23.16									
			SS 545-132 T	22.95									
			SS 540-132 T	22.40									
36	M/s. Rhine Solar Limited	Killa No. 80/6, Janti Kalan Rd, Sersa, Kundli, Sonipat-131028, Haryana	R-91008249	71	i	Mono PERC C-Si Module	RSL72FM-380WP, (380 Wp)	RSL72FM-390WP	19.6	72 (Full Cell)	1500	31.05.2023	30.05.2027
								RSL72FM-380WP	19.4				
					ii	Mono c-Si PERC Module	RSL590M (590 Wp)	RSL72FM-370WP	19.2	156 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								RSL600M	21.28				
								RSL595M	21.11				
								RSL590M	20.94				
								RSL585M	20.77				
								RSL580M	20.60				
								RSL575M	20.40				
								RSL570M	22.07				
					iii	Mono c-Si PERC Module	RSL545M (545 Wp)	RSL565M	21.87	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								RSL560M	21.68				
								RSL555M	21.49				
								RSL550M	21.30				
								RSL545M	21.10				
								RSL540M	20.91				
								RSL535M	20.72				
								RSL530M	20.51				
					iv	Mono c-Si PERC Module	RSL500M (500 Wp)	RSL525M	20.33	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								RSL520M	21.70				
RSL515M	21.48												
RSL510M	21.28												
RSL505M	21.06												
RSL500M	20.86												
RSL495M	20.65												
RSL490M	20.44												
RSL485M	20.23												
RSL480M	20.03												
v	Mono c-Si PERC Module	RSL470M (470 Wp)	RSL475M	19.81	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027					
			RSL470M	19.61									
							RSL465M	19.40					
							RSL460M	21.04					
							RSL455M	20.82					
							RSL450M	20.59					
							RSL445M	20.35					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vi	Mono c-Si PERC Module	RSL440M (440 Wp)	RSL440M	20.13	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								RSL435M	19.89				
								RSL430M	19.68				
								RSL425M	19.44				
								RSL420M	19.22				
								RSL395M	20.03				
					vii	Mono c-Si PERC Module	RSL380M (380 Wp)	RSL390M	19.76	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								RSL385M	19.51				
								RSL380M	19.26				
								RSL375M	19.01				
								RSL360M	20.48				
								RSL355M	20.20				
					viii	Mono c-Si PERC Module	RSL345M (345 Wp)	RSL350M	19.92	96 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								RSL345M	19.63				
								RSL340M	19.35				
								RSL340M	19.35				
								RSL335M	19.07				
37	M/s Swelect HHV Solar Photovoltaics Pvt. Ltd	SF – No. 169/1-2, 168/3A-3E,169/4-9,166/1B1B,166/1B2A-2E,166/1B2L,166/1B2M, Kuppapalayam Village, Avinashi Taluk, Coimbatore-641107, Tamil Nadu	R-61003433	703	i	Mono-PERC C-Si Module	SWM11BN6520 (520 Wp)	SWM11BN6540	20.77	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								SWM11BN6535	20.57				
								SWM11BN6530	20.38				
								SWM11BN6525	20.19				
								SWM11BN6520	20.00				
								SWM11BN6515	19.81				
								SWM11BN6510	19.62				
								SWM11BN6505	19.42				
								SWM11BN6500	19.23				
					ii	Mono-PERC C-Si Module	SWM11BN4475 (475 Wp)	SWM11BN4495	20.71	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								SWM11BN4490	20.50				
								SWM11BN4485	20.29				
								SWM11BN4480	20.09				
								SWM11BN4475	19.87				
								SWM11BN4470	19.66				
								SWM11BN4465	19.46				
								SWM11BN4460	19.25				
					iii	Mono-PERC C-Si Module	SWM11BN2430 (430 Wp)	SWM11BN2450	20.65	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								SWM11BN2445	20.42				
								SWM11BN2440	20.19				
								SWM11BN2435	19.96				
								SWM11BN2430	19.73				
								SWM11BN2425	19.5				
								SWM11BN2420	19.27				
								SWM11BN2415	19.04				
					iv	Mono-PERC C-Si Module	SWM11BN0390 (390 Wp)	SWM11BN0405	20.57	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								SWM11BN0400	20.32				
								SWM11BN0395	20.06				
								SWM11BN0390	19.81				
								SWM11BN0385	19.55				
								SWM11BN0380	19.3				
								SWM11BN0375	19.05				
								SWM11BN0375	19.20				
					v	Mono c-Si PERC Module	SWM11BB0385 (385 Wp)	SWM11BB0380	19.46	108 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BB0385	19.71				
								SWM11BB0390	19.97				
								SWM11BB0395	20.22				
								SWM11BB0400	20.48				
SWM11BB0405	20.74												
SWM11BB0410	20.99												
SWM11BB2415	19.17												
vi	Mono c-Si PERC Module	SWM11BB2435 (435 Wp)	SWM11BB2420	19.40	120 (Half Cut Cells)	1500	31.05.2023	30.05.2027					
			SWM11BB2425	19.63									
			SWM11BB2430	19.86									
			SWM11BB2435	20.10									
			SWM11BB2440	20.32									
			SWM11BB2445	20.56									
			SWM11BB2450	20.79									
			SWM11BB2455	21.02									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vii	Mono c-Si PERC Module	SWM11BB4470 (470 Wp)	SWM11BB4455 SWM11BB4460 SWM11BB4465 SWM11BB4470 SWM11BB4475 SWM11BB4480 SWM11BB4485 SWM11BB4490	19.16 19.37 19.58 19.79 20.00 20.21 20.42 20.63	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
					viii	Mono c-Si PERC Module	SWM11BB4500 (500 Wp)	SWM11BB4495 SWM11BB4500	20.84 21.06	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
					ix	Mono c-Si PERC Module	SWM11BB6525 (525 Wp)	SWM11BB6500 SWM11BB6505 SWM11BB6510 SWM11BB6515 SWM11BB6520 SWM11BB6525 SWM11BB6530 SWM11BB6535 SWM11BB6540 SWM11BB6545 SWM11BB6550	19.35 19.55 19.74 19.94 20.13 20.32 20.52 20.71 20.90 21.10 21.29	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
					x	Mono c-Si PERC Module	SWM11BB8560 (560 Wp)	SWM11BB8540 SWM11BB8545 SWM11BB8550 SWM11BB8555 SWM11BB8560 SWM11BB8565 SWM11BB8570 SWM11BB8575 SWM11BB8580 SWM11BB8585	19.32 19.50 19.67 19.85 20.03 20.21 20.39 20.57 20.75 20.93	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
					xi	Mono c-Si PERC Module	SWM11BB8595 (595 Wp)	SWM11BB8590 SWM11BB8595	21.11 21.28	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
					xii	Bifacial Mono c-Si PERC Module	SWM11BT0385 (385 Wp)	SWM11BT0375 SWM11BT0380 SWM11BT0385 SWM11BT0390 SWM11BT0395 SWM11BT0400 SWM11BT0405	19.20 19.46 19.71 19.97 20.22 20.48 20.74	108 (Half Cut Cells)	1500	31.05.2023	30.05.2027
					xiii	Bifacial Mono c-Si PERC Module	SWM11BT2435 (435 Wp)	SWM11BT0410 SWM11BT2415 SWM11BT2420 SWM11BT2425 SWM11BT2430 SWM11BT2435 SWM11BT2440 SWM11BT2445 SWM11BT2450 SWM11BT2455	20.99 19.17 19.40 19.63 19.86 20.10 20.32 20.56 20.79 21.02	120 (Half Cut Cells)	1500	31.05.2023	30.05.2027
					xiv	Bifacial Mono c-Si PERC Module	SWM11BT4470 (470 Wp)	SWM11BT4455 SWM11BT4460 SWM11BT4465 SWM11BT4470 SWM11BT4475 SWM11BT4480 SWM11BT4485 SWM11BT4490	19.16 19.37 19.58 19.79 20.00 20.21 20.42 20.63	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
					xv	Bifacial Mono c-Si PERC Module	SWM11BT4500 (500 Wp)	SWM11BT4495 SWM11BT4500	20.84 21.06	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
					xvi	Bifacial Mono c-Si PERC Module	SWM11BT6525 (525 Wp)	SWM11BT6500 SWM11BT6505 SWM11BT6510 SWM11BT6515 SWM11BT6520 SWM11BT6525	19.35 19.55 19.74 19.94 20.13 20.32	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								SWM11BT6530	20.52				
								SWM11BT6535	20.71				
								SWM11BT6540	20.90				
								SWM11BT6545	21.10				
								SWM11BT6550	21.29				
								SWM11BT8540	19.32				
					xvii	Bifacial Mono c-Si PERC Module	SWM11BT8560 (560 Wp)	SWM11BT8545	19.50	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
							SWM11BT8550	19.67					
							SWM11BT8555	19.85					
							SWM11BT8560	20.03					
							SWM11BT8565	20.21					
							SWM11BT8570	20.39					
							SWM11BT8575	20.57					
							SWM11BT8580	20.75					
							SWM11BT8585	20.93					
					xviii	Bifacial Mono c-Si PERC Module	SWM11BT8595 (595 Wp)	SWM11BT8590	21.11				
								SWM11BT8595	21.28				
					xix	Mono c-Si PERC Module	SWM11BN6550 (550 Wp)	SWM11BN6545	20.96	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
							SWM11BN6550	21.15					
								SWM11BN8535	19.03				
								SWM11BN8540	19.21				
								SWM11BN8545	19.39				
								SWM11BN8550	19.57				
								SWM11BN8555	19.74				
								SWM11BN8560	19.92				
								SWM11BN8565	20.10				
								SWM11BN8570	20.28				
								SWM11BN8575	20.46				
								SWM11BN8580	20.63				
								SWM11BN8585	20.81				
								SWM11BN8590	20.99				
								SWM11BN8595	21.17	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG0380	19.46				
								SWT15BG0385	19.72				
								SWT15BG0390	19.97				
								SWT15BG0395	20.23				
								SWT15BG0400	20.48				
								SWT15BG0405	20.74				
								SWT15BG0410	21.00				
								SWT15BG0415	21.25				
								SWT15BG0420	21.51				
								SWT15BG0425	21.76				
								SWT15BG0430	22.02				
								SWT15BG0435	22.28				
								SWT15BG2420	19.40				
								SWT15BG2425	19.63				
								SWT15BG2430	19.86				
								SWT15BG2435	20.09				
								SWT15BG2440	20.33				
								SWT15BG2445	20.56				
								SWT15BG2450	20.79				
								SWT15BG2455	21.02				
								SWT15BG2460	21.25				
								SWT15BG2465	21.48				
								SWT15BG2470	21.71				
								SWT15BG2475	21.94				
								SWT15BG2480	22.17				
								SWT15BG4465	19.58				
								SWT15BG4470	19.79				
								SWT15BG4475	20.00				
								SWT15BG4480	20.21				
								SWT15BG4485	20.42				
								SWT15BG4490	20.64				
								SWT15BG4495	20.85				
								SWT15BG4500	21.06				
								SWT15BG4505	21.27				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxvii	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG4515 (515 Wp)	SWT15BG4510	21.48	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG4515	21.69				
								SWT15BG4520	21.90				
								SWT15BG4525	22.11				
								SWT15BG4530	22.32				
					xxviii	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG6525 (525 Wp)	SWT15BG6505	19.55	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG6510	19.74				
								SWT15BG6515	19.94				
								SWT15BG6520	20.13				
								SWT15BG6525	20.32				
								SWT15BG6530	20.52				
								SWT15BG6535	20.71				
								SWT15BG6540	20.90				
								SWT15BG6545	21.10				
								SWT15BG6550	21.29				
					xxix	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG6565 (565 Wp)	SWT15BG6555	21.48	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG6560	21.68				
								SWT15BG6565	21.87				
								SWT15BG6570	22.07				
								SWT15BG6575	22.26				
								SWT15BG6580	22.45				
								SWT15BG6585	22.64				
					xxx	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG8570 (570 Wp)	SWT15BG8550	19.68	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG8555	19.85				
								SWT15BG8560	20.03				
								SWT15BG8565	20.21				
								SWT15BG8570	20.39				
								SWT15BG8575	20.57				
								SWT15BG8580	20.75				
								SWT15BG8585	20.93				
								SWT15BG8590	21.11				
								SWT15BG8595	21.29				
					xxxi	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG8610 (610 Wp)	SWT15BG8600	21.46	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG8605	21.64				
								SWT15BG8610	21.82				
								SWT15BG8615	22.00				
SWT15BG8620	22.18												
SWT15BG8625	22.36												
SWT15BG8630	22.54												
SL72M6-380	19.15	72 (Full Cell)	1500	31.05.2023				30.05.2027					
SL72M6-385	19.40												
SL72M6-390	19.64												
SL72M6-395	19.90												
SL72M6-400	20.15												
SL72M6-405	20.40												
SL144HC-505	19.54				144 (Half Cut Cells)	1500	31.05.2023		30.05.2027				
SL144HC-510	19.73												
SL144HC-515	19.93												
SL144HC-520	20.12												
SL144HC-525	20.31												
SL144HC-530	20.50												
SL144HC-535	20.70												
SL144HC-540	20.97												
SL144HC-545	21.08												
SL144HC-550	21.28												
iii	N-Type TOPCon Module	SL144GTG-580T (580Wp)	SL144GTG-590T	22.87	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027					
			SL144GTG-585T	22.68									
			SL144GTG-580T	22.48									
			SL144GTG-575T	22.29									
			SL144GTG-570T	22.09									
			SL144GTG-565T	21.9									
			INA-144MHC-WF-520	20.14					144 (Half Cut Cell)	1500	31.05.2023	30.05.2027	
INA-144MHC-WF-525	20.33												
INA-144MHC-WF-530	20.53												
INA-144MHC-WF-535	20.72												
INA-144MHC-WF-540	20.91												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Bifacial Mono PERC c-Si Modules	INA-144MHC-TF-530 (530Wp)	INA-144MHC-WF-545	21.11	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								INA-144MHC-TF-520	20.14				
								INA-144MHC-TF-525	20.33				
								INA-144MHC-TF-530	20.53				
								INA-144MHC-TF-535	20.72				
								INA-144MHC-TF-540	20.91				
					iii	Mono PERC c-Si Modules	INA-132MHC-WF-490 (490Wp)	INA-132MHC-WF-480	20.19	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								INA-132MHC-WF-485	20.41				
								INA-132MHC-WF-490	20.62				
								INA-132MHC-WF-495	20.83				
								INA-132MHC-WF-500	21.04				
								INA-132MHC-TF-480	20.19				
					iv	Bifacial Mono PERC c-Si Modules	INA-132MHC-TF-490 (490Wp)	INA-132MHC-TF-485	20.41	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								INA-132MHC-TF-490	20.62				
								INA-132MHC-TF-495	20.83				
								INA-132MHC-TF-500	21.04				
								INA-120MHC-WF-435	20.04				
								INA-120MHC-WF-440	20.27				
					v	Mono PERC c-Si Modules	INA-120MHC-WF-440 (440Wp)	INA-120MHC-WF-445	20.50	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								INA-120MHC-WF-450	20.73				
								INA-120MHC-TF-435	20.04				
								INA-120MHC-TF-440	20.27				
								INA-120MHC-TF-445	20.50				
								INA-120MHC-TF-450	20.73				
					vi	Bifacial Mono PERC c-Si Modules	INA-120MHC-TF-440 (440Wp)	INA-120MHC-TF-445	20.50	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								INA-120MHC-TF-450	20.73				
								INA-108MHC-WF-390	19.86				
								INA-108MHC-WF-395	20.11				
								INA-108MHC-WF-400	20.37				
								INA-108MHC-WF-405	20.62				
					vii	Mono PERC c-Si Modules	INA-108MHC-WF-395 (395Wp)	INA-108MHC-TF-390	19.86	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								INA-108MHC-TF-395	20.11				
								INA-108MHC-TF-400	20.37				
								INA-108MHC-TF-405	20.62				
								INA-144MHC-WF-550	21.29				
								INA-144MHC-WF-555	21.48				
					viii	Bifacial Mono PERC c-Si Modules	INA-108MHC-TF-395 (395Wp)	INA-144MHC-WF-560	21.68	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								INA-144MHC-TF-550	21.29				
								INA-144MHC-TF-555	21.48				
								INA-144MHC-TF-560	21.68				
INA-144MHC-TF-550	21.29												
INA-144MHC-TF-555	21.48												
ix	Mono c-Si PERC Module	INA-144MHC-WF-555	INA-144MHC-TF-560	21.68	144 Half Cut Cells	1500	31.05.2023	30.05.2027					
			INA-144MHC-TF-550	21.29									
			INA-144MHC-TF-555	21.48									
			INA-144MHC-TF-560	21.68									
			APSAM-545/144	21.12									
			APSAM-540/144	20.91									
x	Bifacial Mono c-Si PERC Module	INA-144MHC-TF-555	APSAM-535/144	20.73	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
			APSAM-530/144	20.53									
			APSAM-525/144	20.35									
			APSAM-520/144	20.16									
			APSAM-515/144	19.98									
			APSAM-510/144	19.79									
i	Mono c-Si PERC Module	APSAM-520/144 (520Wp)	APSAM-505/144	19.60	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
			APSAM-500/144	19.42									
			APSAM-495/132	20.85									
			APSAM-490/132	20.64									
			APSAM-485/132	20.43									
			APSAM-480/132	20.22									
ii	Mono c-Si PERC Module	APSAM-485/132 (485Wp)	APSAM-475/132	20.01	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
			APSAM-470/132	20.01									
			APSAM-450/120	20.73									
			APSAM-445/120	20.50									
			APSAM-440/120	20.27									
			APSAM-435/120	20.04									
iii	Mono c-Si PERC Module	APSAM-440/120 (440Wp)	APSAM-410/108	20.98	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
			APSAM-405/108	20.72									
			APSAM-400/108	20.47									
			APSAM-395/108	20.21									
			APSAM-390/108	19.96									
			APSAM-365/96	20.92									
iv	Mono c-Si PERC Module	APSAM-400/108 (400Wp)	APSAM-360/96	20.64	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
			APSAM-360/96	20.64									
			APSAM-365/96	20.92									
			APSAM-390/108	19.96									
			APSAM-395/108	20.21									
			APSAM-400/108	20.47									
v	Mono c-Si PERC Module	APSAM-360/96 (360Wp)	APSAM-355/96	20.35	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
			APSAM-355/96	20.35									
			APSAM-360/96	20.64									
			APSAM-365/96	20.92									
			APSAM-390/108	19.96									
			APSAM-395/108	20.21									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vi	Mono c-Si PERC Module	APSAM-265/72 (265Wp)	APSAM-350/96	20.06	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								APSAM-275/72	20.82				
								APSAM-270/72	20.45				
								APSAM-265/72	20.07				
								APSAM-260/72	19.69				
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-530/144 (530 Wp)	APSBF-555/144	21.48	144 (Half Cut Cell)	1500	14.06.2024	01.01.2025
								APSBF-550/144	21.29				
								APSBF-545/144	21.10				
								APSBF-540/144	20.90				
								APSBF-535/144	20.71				
								APSBF-530/144	20.52				
								APSBF-525/144	20.32				
								APSBF-520/144	20.13				
								APSBF-515/144	19.94				
								APSBF-510/144	19.74				
viii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-500/132(500 Wp)	APSBF-505/144	19.55	132 (Half Cut Cell)	1500	14.06.2024	01.01.2025					
			APSBF-510/132	21.49									
			APSBF-505/132	21.28									
			APSBF-500/132	21.07									
			APSBF-495/132	20.86									
			APSBF-490/132	20.64									
			APSBF-485/132	20.43									
ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-450/120(450 Wp)	APSBF-480/132	20.22	120(Half Cut Cell)	1500	14.06.2024	01.01.2025					
			APSBF-475/132	20.01									
			APSBF-465/120	21.49									
			APSBF-460/120	21.26									
			APSBF-455/120	21.03									
			APSBF-450/120	20.80									
x	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-410/108(410 Wp)	APSBF-445/120	20.57	108(Half Cut Cell)	1500	14.06.2024	01.01.2025					
			APSBF-440/120	20.34									
			APSBF-435/120	20.10									
			APSBF-420/108	21.50									
			APSBF-415/108	21.24									
xi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-365/96(365 Wp)	APSBF-410/108	20.98	96(Half Cut Cell)	1500	14.06.2024	01.01.2025					
			APSBF-405/108	20.73									
			APSBF-400/108	20.47									
xii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-280/72(280 Wp)	APSBF-370/96	21.21	72(Half Cut Cell)	1500	14.06.2024	01.01.2025					
			APSBF-360/96	20.64									
			APSBF-290/72	21.89									
xiii	Mono c-Si PERC Module	APSAM-505/132(505 Wp)	APSBF-285/72	21.52	132(Half Cut Cell)	1500	27.05.2024	01.01.2025					
			APSBF-280/72	21.14									
xiv	Mono c-Si PERC Module	APSAM-555/144(555 Wp)	APSBF-275/72	20.76	144(Half Cut Cell)	1500	27.05.2024	01.01.2025					
			APSAM-500/132	21.07									
41	M/s. Orb Energy Private Limited	No. 95, Digital Park Road, 2nd Stage, Yeshwanthapura, Bangalore - 560022, Karnataka	R-62001708	71	i	Mono c-Si PERC Modules	Orb410M66-15 (410Wp)	APSAM-505/132	21.28	66 (Full Cell)	1500	01.09.2023	31.08.2027
								APSAM-550/132	21.29				
								APSAM-555/132	21.48				
								APSAM-560/132	21.68				
								Orb410M66-15	21.02				
					ii	Mono c-Si PERC Modules	Orb450M72-15 (450Wp)	Orb405M66-15	20.77	72 (Full Cell)	1500	01.09.2023	31.08.2027
								Orb400M66-15	20.51				
								Orb395M66-15	20.25				
								Orb390M66-15	20.00				
								Orb450M72-15	21.19				
					i	Mono c-Si PERC Module	SMF72HM10-510 (510Wp)	Orb445M72-15	20.95	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								Orb440M72-15	20.72				
								Orb435M72-15	20.48				
								Orb430M72-15	20.25				
								SMF72HM10-500	19.36				
42	M/s. Solex Energy Limited	Plot No 1A, Block 938, Tadkeshwar, Kim Mandvi Road, Mandvi, Surat-394110, Gujarat	R-72008125	581	i	Mono c-Si PERC Module	SMF72HM10-510 (510Wp)	SMF72HM10-505	19.55	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF72HM10-510	19.74				
								SMF72HM10-515	19.94				
								SMF72HM10-520	20.13				
								SMF72HM10-525	20.32				
								SMF72HM10-530	20.52				
								SMF72HM10-535	20.71				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Mono c-Si PERC Module	SMF72HM10-540 (540Wp)	SMF72HM10-540 SMF72HM10-545 SMF72HM10-550 SMF72HM10-555	20.91 21.10 21.30 21.49	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					iii	Mono c-Si PERC Module	SMFB72HM10-510 (510Wp)	SMFB72HM10-500 SMFB72HM10-505 SMFB72HM10-510 SMFB72HM10-515 SMFB72HM10-520 SMFB72HM10-525	19.36 19.55 19.74 19.94 20.13 20.32	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					iv	Mono c-Si PERC Module	SMFB72HM10-540 (540Wp)	SMFB72HM10-530 SMFB72HM10-535 SMFB72HM10-540 SMFB72HM10-545 SMFB72HM10-550 SMFB72HM10-555	20.52 20.71 20.91 21.10 21.30 21.49	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					v	Mono c-Si PERC Module	SMF66HM10-475 (475Wp)	SMF66HM10-460 SMF66HM10-465 SMF66HM10-470 SMF66HM10-475 SMF66HM10-480	19.37 19.59 19.80 20.02 20.24	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					vi	Mono c-Si PERC Module	SMF66HM10-495 (495Wp)	SMF66HM10-485 SMF66HM10-490 SMF66HM10-495 SMF66HM10-500 SMF66HM10-505	20.44 20.65 20.86 21.07 21.28	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					vii	Mono c-Si PERC Module	SMFB66HM10-475 (475Wp)	SMFB66HM10-460 SMFB66HM10-465 SMFB66HM10-470 SMFB66HM10-475 SMFB66HM10-480	19.37 19.59 19.80 20.02 20.24	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					viii	Mono c-Si PERC Module	SMFB66HM10-495 (495Wp)	SMFB66HM10-485 SMFB66HM10-490 SMFB66HM10-495 SMFB66HM10-500 SMFB66HM10-505	20.44 20.65 20.86 21.07 21.28	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					ix	Mono c-Si PERC Module	SMF60HM10-440 (440Wp)	SMF60HM10-420 SMF60HM10-425 SMF60HM10-430 SMF60HM10-435 SMF60HM10-440 SMF60HM10-445 SMF60HM10-450 SMF60HM10-455 SMF60HM10-460	19.37 19.61 19.83 20.06 20.29 20.51 20.75 20.98 21.21	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					x	Mono c-Si PERC Module	SMFB60HM10-440 (440Wp)	SMFB60HM10-420 SMFB60HM10-425 SMFB60HM10-430 SMFB60HM10-435 SMFB60HM10-440 SMFB60HM10-445 SMFB60HM10-450 SMFB60HM10-455 SMFB60HM10-460	19.37 19.61 19.83 20.06 20.29 20.51 20.75 20.98 21.21	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xi	Mono c-Si PERC Module	SMF54HM10-385 (385Wp)	SMF54HM10-375 SMF54HM10-380 SMF54HM10-385 SMF54HM10-390 SMF54HM10-395	19.20 19.46 19.73 19.98 20.23	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xii	Mono c-Si PERC Module	SMF54HM10-405 (405Wp)	SMF54HM10-400 SMF54HM10-405 SMF54HM10-410 SMF54HM10-415	20.49 20.73 21.00 21.24	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xiii	Mono c-Si PERC Module	SMFB54HM10-385 (385Wp)	SMFB54HM10-375 SMFB54HM10-380 SMFB54HM10-385	19.20 19.46 19.73	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								SMFB54HM10-390	19.98				
								SMFB54HM10-395	20.23				
								SMFB54HM10-400	20.49				
					xiv	Mono c-Si PERC Module	SMFB54HM10-405 (405Wp)	SMFB54HM10-405	20.73	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMFB54HM10-410	21.00				
								SMFB54HM10-415	21.24				
								SMF48HM10-335	19.21				
								SMF48HM10-340	19.50				
					xv	Mono c-Si PERC Module	SMF48HM10-345 (345Wp)	SMF48HM10-345	19.780	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF48HM10-350	20.06				
								SMF48HM10-355	20.34				
					xvi	Mono c-Si PERC Module	SMF48HM10-365 (365Wp)	SMF48HM10-360	20.62	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF48HM10-365	20.91				
								SMF48HM10-370	21.19				
					xvii	Mono c-Si PERC Module	SMFB48HM10-345 (345Wp)	SMFB48HM10-335	19.21	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMFB48HM10-340	19.50				
								SMFB48HM10-345	19.78				
								SMFB48HM10-350	20.06				
					xviii	Mono c-Si PERC Module	SMFB48HM10-365 (365Wp)	SMFB48HM10-355	20.34	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMFB48HM10-360	20.62				
								SMFB48HM10-365	20.91				
								SMFB48HM10-370	21.19				
					xix	Mono c-Si PERC Module	SMF42HM10-305 (305Wp)	SMF42HM10-295	19.21	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF42HM10-300	19.54				
								SMF42HM10-305	19.88				
								SMF42HM10-310	20.2				
								SMF42HM10-315	20.5				
								SMF42HM10-320	20.8				
								SMFB42HM10-295	19.21				
					xx	Mono c-Si PERC Module	SMFB42HM10-305 (305Wp)	SMFB42HM10-300	19.54	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMFB42HM10-305	19.88				
								SMFB42HM10-310	20.2				
								SMFB42HM10-315	20.5				
								SMFB42HM10-320	20.8				
								SMFB42HM10-325	20.73				
					xxi	Mono c-Si PERC Module	SMF36HM10-265 (265Wp)	SMF36HM10-255	19.25	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF36HM10-260	19.63				
								SMF36HM10-265	19.99				
								SMF36HM10-270	20.36				
								SMF36HM10-275	20.73				
					xxii	Mono c-Si PERC Module	SMFB36HM10-265 (265Wp)	SMFB36HM10-255	19.25	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMFB36HM10-260	19.63				
								SMFB36HM10-265	19.99				
								SMFB36HM10-270	20.36				
								SMFB36HM10-275	20.73				
								SMB72HM10-500	19.36				
					xxiii	Bifacial Mono c-Si PERC Modules	SMB72HM10-525 (525Wp)	SMB72HM10-505	19.55	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMB72HM10-510	19.74				
								SMB72HM10-515	19.94				
								SMB72HM10-520	20.13				
								SMB72HM10-525	20.32				
								SMB72HM10-530	20.52				
								SMB72HM10-535	20.71				
								SMB72HM10-540	20.91				
								SMB72HM10-545	21.10				
								SMB72HM10-550	21.30				
					xxiv	Bifacial Mono c-Si PERC Modules	SMBB72HM10-525 (525Wp)	SMBB72HM10-500	19.36	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMBB72HM10-505	19.55				
								SMBB72HM10-510	19.74				
								SMBB72HM10-515	19.94				
								SMBB72HM10-520	20.13				
								SMBB72HM10-525	20.32				
								SMBB72HM10-530	20.52				
								SMBB72HM10-535	20.71				
								SMBB72HM10-540	20.91				
								SMBB72HM10-545	21.10				
								SMBB72HM10-550	21.30				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxv	Bifacial Mono c-Si PERC Modules	SMB66HM10-465 (465Wp)	SMB66HM10-455 SMB66HM10-460 SMB66HM10-465 SMB66HM10-470 SMB66HM10-475 SMB66HM10-480	19.16 19.37 19.59 19.80 20.02 20.24	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxvi	Bifacial Mono c-Si PERC Modules	SMB66HM10-490 (490Wp)	SMB66HM10-485 SMB66HM10-490 SMB66HM10-495 SMB66HM10-500	20.65 20.86 21.07 21.28	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxvii	Bifacial Mono c-Si PERC Modules	SMB866HM10-465 (465Wp)	SMB866HM10-455 SMB866HM10-460 SMB866HM10-465 SMB866HM10-470 SMB866HM10-475 SMB866HM10-480	19.16 19.37 19.59 19.80 20.02 20.24	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxviii	Bifacial Mono c-Si PERC Modules	SMB866HM10-490 (490Wp)	SMB866HM10-485 SMB866HM10-490 SMB866HM10-495 SMB866HM10-500	20.44 20.65 20.86 21.07	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxix	Bifacial Mono c-Si PERC Modules	SMB60HM10-435 (435Wp)	SMB60HM10-415 SMB60HM10-420 SMB60HM10-425 SMB60HM10-430 SMB60HM10-435 SMB60HM10-440 SMB60HM10-445 SMB60HM10-450 SMB60HM10-455	19.13 19.37 19.61 19.83 20.06 20.29 20.51 20.75 20.98	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxx	Bifacial Mono c-Si PERC Modules	SMB860HM10-435 (435Wp)	SMB860HM10-415 SMB860HM10-420 SMB860HM10-425 SMB860HM10-430 SMB860HM10-435 SMB860HM10-440 SMB860HM10-445 SMB860HM10-450 SMB860HM10-455	19.13 19.37 19.61 19.83 20.06 20.29 20.51 20.75 20.98	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxi	Bifacial Mono c-Si PERC Modules	SMB54HM10-385 (385Wp)	SMB54HM10-375 SMB54HM10-380 SMB54HM10-385 SMB54HM10-390 SMB54HM10-395	19.2 19.46 19.73 19.98 20.23	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxii	Bifacial Mono c-Si PERC Modules	SMB54HM10-405 (405Wp)	SMB54HM10-400 SMB54HM10-405 SMB54HM10-410	20.49 20.73 21.00	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxiii	Bifacial Mono c-Si PERC Modules	SMB854HM10-385 (385Wp)	SMB854HM10-375 SMB854HM10-380 SMB854HM10-385 SMB854HM10-390 SMB854HM10-395	19.20 19.46 19.73 19.98 20.23	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxiv	Bifacial Mono c-Si PERC Modules	SMB854HM10-405 (405Wp)	SMB854HM10-400 SMB854HM10-405 SMB854HM10-410	20.49 20.73 21.00	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxv	Bifacial Mono c-Si PERC Modules	SMB48HM10-350 (350Wp)	SMB48HM10-335 SMB48HM10-340 SMB48HM10-345 SMB48HM10-350 SMB48HM10-355 SMB48HM10-360 SMB48HM10-365	19.21 19.50 19.78 20.06 20.34 20.62 20.91	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxvi	Bifacial Mono c-Si PERC Modules	SMB848HM10-350 (350Wp)	SMB848HM10-335 SMB848HM10-340 SMB848HM10-345 SMB848HM10-350 SMB848HM10-355	19.21 19.50 19.78 20.06 20.34	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxxvii	Bifacial Mono c-Si PERC Modules	SMB42HM10-305 (305Wp)	SMB42HM10-360	20.62	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMB42HM10-365	20.91				
								SMB42HM10-295	19.21				
								SMB42HM10-300	19.54				
								SMB42HM10-305	19.88				
								SMB42HM10-310	20.20				
								SMB42HM10-315	20.50				
								SMB42HM10-320	20.80				
					xxxviii	Bifacial Mono c-Si PERC Modules	SMBB42HM10-305 (305Wp)	SMBB42HM10-295	19.21	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMBB42HM10-300	19.54				
								SMBB42HM10-305	19.88				
								SMBB42HM10-310	20.20				
								SMBB42HM10-315	20.50				
								SMBB42HM10-320	20.80				
					xxxix	Bifacial Mono c-Si PERC Modules	SMB36HM10-265 (265Wp)	SMB36HM10-255	19.25	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMB36HM10-260	19.63				
								SMB36HM10-265	19.66				
								SMB36HM10-270	20.36				
								SMB36HM10-275	20.73				
								SMB36HM10-275	20.73				
					xli	Bifacial Mono c-Si PERC Modules	SMBB36HM10-265 (265Wp)	SMBB36HM10-255	19.25	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMBB36HM10-260	19.63				
								SMBB36HM10-265	19.99				
								SMBB36HM10-270	20.36				
SMBB36HM10-275	20.73												
SMBB36HM10-275	20.73												
xlii	Mono c-Si PERC Module	JKM-SMF-540P-72HL4-V (540Wp)	JKM-SMF-530P-72HL4-V	20.52	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
			JKM-SMF-535P-72HL4-V	20.71									
			JKM-SMF-540P-72HL4-V	20.91									
			JKM-SMF-545P-72HL4-V	21.10									
			JKM-SMF-550P-72HL4-V	21.30									
			JKM-SMF-550P-72HL4-V	21.30									
xliii	Mono c-Si PERC Module	SMP33HM10-120 (120 Wp)	SMP33HM10-120	19.12	66 (Half Cut Cells)	1000	01.09.2023	31.08.2027					
			SMP33HM10-125	19.91									
			GS10-M144-WF-500	19.36									
			GS10-M144-WF-505	19.56									
			GS10-M144-WF-510	19.75									
			GS10-M144-WF-515	19.94									
43	M/s. Goldi Solar Pvt Limited	Block No:149, Plot No: J&K1, Beside IOC petrol Pump, National Highway No 8, Pipodara, Surat-394110, Gujarat	R-72001805	396	i	Mono c-Si PERC Module	GS10-M144-WF-525, (525Wp)	GS10-M144-WF-520	20.14	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027
								GS10-M144-WF-525	20.33				
								GS10-M144-WF-530	20.53				
								GS10-M144-WF-535	20.73				
								GS10-M144-WF-540	20.92				
								GS10-M144-WF-545	21.12				
								GS10-M144-WF-550	21.31				
								GS10-M132-WF-480	20.22				
								GS10-M132-WF-485	20.43				
								GS10-M132-WF-490	20.64				
								GS10-M132-WF-495	20.85				
								GS10-M132-WF-500	21.06				
					GS10-M132-WF-505	21.28							
					ii	Mono c-Si PERC Module	GS10-M132-WF-490, (490Wp)	GS10-M132-WF-490	20.64	132 (Half Cut Cell)	1500	20.09.2023	19.09.2027
								GS10-M132-WF-495	20.85				
								GS10-M132-WF-500	21.06				
								GS10-M132-WF-505	21.28				
								TP455HGZ(H)	20.46				
TP450HGZ(H)	20.23												
44	M/s. Tata Power Renewable Energy Limited (Formerly M/s. Tata Power Solar Systems Ltd)	Sy No. 43P and 44(P), Electronic City, 2nd Stage, Consisting Hosur Road, Bangalore-560100, Karnataka	R-62001090	577	i	Mono c-Si PERC Module	TP440HGZ(H), (440Wp)	TP445HGZ(H)	20.01	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027
								TP440HGZ(H)	19.78				
								TP435HGZ(H)	19.56				
								TP430HGZ(H)	19.34				
								TP425HGZ(H)	19.11				
								TP595LG10	21.36				
								TP590LG10	21.18				
								TP585LG10	21.00				
								TP580LG10	20.83				
								TP575LG10	20.65				
								TP570LG10	20.47				
								TP565LG10	20.29				
					TP560LG10	20.11							
					ii	Mono c-Si PERC Module	TP570LG10, (570Wp)	TP555LG10	19.93	156 (Half Cut Cell)	1500	20.09.2023	19.09.2027
								TP550HG10	21.34				
								TP545HG10	21.14				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iii	Mono c-Si PERC Module	TP525HG10, (525Wp)	TP540HG10 TP5435HG10 TP530HG10 TP525HG10 TP520HG10 TP515HG10 TP510HG10 TP505HG10	20.95 20.76 20.56 20.37 20.17 19.98 19.79 19.59	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027
					iv	Mono c-Si PERC Module	TP480VG10, (480Wp)	TP500VG10 TP495VG10 TP490VG10 TP485VG10 TP480VG10 TP475VG10 TP470VG10 TP465VG10 TP460VG10	20.82 20.61 20.40 20.19 19.98 19.77 19.57 19.36 19.15	132 (Half Cut Cell)	1500	20.09.2023	19.09.2027
					v	Mono c-Si PERC Module	TP440MG10, (440Wp)	TP455MG10 TP450MG10 TP445MG10 TP440MG10 TP435MG10 TP430MG10 TP425MG10 TP420MG10	20.81 20.58 20.35 20.12 19.89 19.66 19.43 19.21	120 (Half Cut Cell)	1500	20.09.2023	19.09.2027
					vi	Mono c-Si PERC Module	TP400SG10, (400Wp)	TP410SG10 TP405SG10 TP400SG10 TP395SG10 TP390SG10 TP385SG10	20.72 20.47 20.21 19.96 19.71 19.46	108 (Half Cut Cell)	1500	20.09.2023	19.09.2027
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP480VG10TB (480 Wp)	TP460VG10TB TP465VG10TB TP470VG10TB TP475VG10TB TP480VG10TB TP485VG10TB TP490VG10TB TP495VG10TB TP500VG10TB	19.19 19.40 19.60 19.81 20.02 20.23 20.44 20.65 20.86	132 (Half Cut Cells)	1500	20.09.2023	19.09.2027
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP435MG10TB (435 Wp)	TP420MG10TB TP425MG10TB TP430MG10TB TP435MG10TB TP440MG10TB TP445MG10TB TP450MG10TB TP455MG10TB	19.21 19.44 19.67 19.90 20.12 20.35 20.58 20.81	120 (Half Cut Cells)	1500	20.09.2023	19.09.2027
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP530HG10TB (530 Wp)	TP505HG10TB TP510HG10TB TP515HG10TB TP520HG10TB TP525HG10TB TP530HG10TB TP535HG10TB TP540HG10TB TP545HG10TB TP550HG10TB	19.59 19.78 19.98 20.17 20.37 20.56 20.75 20.95 21.14 21.34	144 (Half Cut Cells)	1500	20.09.2023	19.09.2027
					x	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP570LG10B (570 Wp)	TP555LG10B TP560LG10B TP565LG10B TP570LG10B TP575LG10B TP580LG10B TP585LG10B	19.93 20.11 20.29 20.47 20.64 20.82 21.00	156 (Half Cut Cells)	1500	20.09.2023	19.09.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xi	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP530HG10B (530 Wp)	TP590LG10B	21.18	144 (Half Cut Cells)	1500	20.09.2023	19.09.2027
								TP595LG10B	21.36				
								TP505HG10B	19.59				
								TP510HG10B	19.78				
								TP515HG10B	19.98				
								TP520HG10B	20.17				
								TP525HG10B	20.37				
								TP530HG10B	20.56				
								TP535HG10B	20.75				
								TP540HG10B	20.95				
								TP545HG10B	21.14				
								TP550HG10B	21.34				
								TP460VG10B	19.19				
								TP465VG10B	19.40				
					xii	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP480VG10B (480 Wp)	TP470VG10B	19.60	132 (Half Cut Cells)	1500	20.09.2023	19.09.2027
								TP475VG10B	19.81				
								TP480VG10B	20.02				
								TP485VG10B	20.23				
								TP490VG10B	20.44				
								TP495VG10B	20.65				
								TP500VG10B	20.86				
								TP420MG10B	19.21				
								TP425MG10B	19.44				
								TP430MG10B	19.67				
								TP435MG10B	19.90				
								TP440MG10B	20.12				
								TP445MG10B	20.35				
								TP450MG10B	20.58				
					xiii	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP435MG10B (435 Wp)	TP455MG10B	20.81	120 (Half Cut Cells)	1500	20.09.2023	19.09.2027
								TP570LG10VB	20.47				
								TP575LG10VB	20.64				
								TP580LG10VB	20.82				
								TP585LG10VB	21.00				
								TP590LG10VB	21.18				
								TP595LG10VB	21.36				
								TP600LG10VB	21.54				
								TP605LG10VB	21.72				
								TP610LG10VB	21.9				
								TP615LG10VB	22.08				
								TP570LG10VB	20.47				
								TP575LG10VB	20.64				
								TP580LG10VB	20.82				
xvii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	TP595LG10VB (595 Wp)	TP585LG10VB	21.00	156 Half Cut Cells	1500	28.08.2024	30.04.2026					
			TP590LG10VB	21.18									
			TP595LG10VB	21.36									
			TP600LG10VB	21.54									
			TP605LG10VB	21.72									
			TP610LG10VB	21.9									
			TP615LG10VB	22.08									
			TP570LG10VB	20.47									
			TP575LG10VB	20.64									
			TP580LG10VB	20.82									
			TP585LG10VB	21.00									
			TP590LG10VB	21.18									
			TP595LG10VB	21.36									
			TP595LG10VB	21.36									
xviii	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP595LG10VB (595 Wp)	TP525HG10VB	19.26	156 Half Cut Cells	1500	28.10.2024	30.04.2026					
			TP530HG10VB	19.44									
			TP535HG10VB	19.62									
			TP540HG10VB	19.81									
			TP545HG10VB	19.99									
			TP550HG10VB	20.18									
			TP570LG10VB	20.47									
			TP575LG10VB	20.64									
			TP580LG10VB	20.82									
			TP585LG10VB	21.00									
			TP590LG10VB	21.18									
			TP595LG10VB	21.36									
			TP595LG10VB	21.36									
			xix	Bifacial Mono c-Si PERC Module (Glass to Glass)					TP540HG10VB (540 Wp)	TP525HG10VB	19.26	144 (Half Cut Cells)	1500
TP530HG10VB	19.44												
TP535HG10VB	19.62												
TP540HG10VB	19.81												
TP545HG10VB	19.99												
TP550HG10VB	20.18												
TP570LG10VB	20.47												
TP575LG10VB	20.64												
TP580LG10VB	20.82												
TP585LG10VB	21.00												
TP590LG10VB	21.18												
TP595LG10VB	21.36												
TP595LG10VB	21.36												
45	M/s. Surya International Enterprise Private Limited	Plot No. S4-E1-21, EMC Park, Infovally II, Harekrushnapur, Jatani, Bhubaneswar-751019, Orissa			R-52000175	77	i	Mono PERC c-Si Modules		SIS65M10-156 (565)	SIS85M10-156		
			SIS80M10-156	20.75									
			SIS75M10-156	20.57									
			SIS70M10-156	20.39									
			SIS65M10-156	20.21									
			SIS60M10-156	20.03									
			SIS55M10-156	19.85									
			SIS50M10-156	19.68									
			SIS45M10-156	19.5									
			SIS40M10-156	19.32									
			SIS50M10-144	21.27									
			SIS45M10-144	21.08									
			SIS40M10-144	20.89									
			SIS50M10-144	21.27									
			SIS45M10-144	21.08									
			SIS40M10-144	20.89									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Mono PERC c-Si Modules	SI525M10-144 (525)	SI535M10-144	20.69	144 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								SI530M10-144	20.5				
								SI525M10-144	20.31				
								SI520M10-144	20.11				
								SI515M10-144	19.92				
								SI510M10-144	19.73				
								SI505M10-144	19.53				
								SI500M10-144	19.34				
								SI495M10-132	20.84				
					iii	Mono PERC c-Si Modules	SI475M10-132 (475)	SI490M10-132	20.63	132 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								SI485M10-132	20.41				
								SI480M10-132	20.2				
								SI475M10-132	19.99				
								SI470M10-132	19.78				
								SI465M10-132	19.57				
								SI460M10-132	19.36				
								SI455M10-132	19.15				
								SI450M10-120	20.78				
					iv	Mono PERC C-Si Modules	SI430M10-120 (430)	SI445M10-120	20.55	120 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								SI440M10-120	20.31				
								SI435M10-120	20.08				
								SI430M10-120	19.85				
								SI425M10-120	19.62				
								SI420M10-120	19.39				
								SI415M10-120	19.16				
								SI405M10-108	20.69				
								SI400M10-108	20.44				
					v	Mono PERC C-Si Modules	SI390M10-108 (390)	SI395M10-108	20.18	108 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								SI390M10-108	19.93				
								SI385M10-108	19.67				
								SI380M10-108	19.41				
								SI375M10-108	19.16				
								SI365M10-96	20.87				
								SI360M10-96	20.59				
								SI355M10-96	20.3				
								SI350M10-96	20.02				
vi	Mono PERC C-Si Modules	SI345M10-96 (350)	SI340M10-96	19.44	96 (Half Cut Cell)	1500	16.11.2023	15.11.2027					
			SI335M10-96	19.16									
			SI320M10-84	20.78									
			SI315M10-84	20.45									
			SI310M10-84	20.13									
			SI305M10-84	19.8									
			SI300M10-84	19.48									
			SI295M10-84	19.15									
			SI270M10-72	20.38									
vii	Mono PERC C-Si Modules	SI305M10-84 (305)	SI265M10-72	20.01	84 (Half Cut Cell)	1500	16.11.2023	15.11.2027					
			SI260M10-72	19.63									
			SI255M10-72	19.25									
			SI240M10-64	19.99									
			SI235M10-64	19.61									
			SI230M10-64	19.24									
			SI265M10-72	20.01									
			SI260M10-72	19.63									
			SI255M10-72	19.25									
viii	Mono PERC C-Si Modules	SI260M10-72 (260)	SI240M10-64	19.99	72 (Full Cell)	1500	16.11.2023	15.11.2027					
			SI235M10-64	19.61									
			SI230M10-64	19.24									
			ISSM10-500-144	19.92					144 (Half Cut Cells)	1500	16.11.2023	15.11.2027	
			ISSM10-505-144	20.12									
			ISSM10-510-144	20.23									
			ISSM10-515-144	20.28									
			ISSM10-520-144	20.38									
			ISSM10-525-144	20.47									
ISSM10-530-144	20.51												
ISSM10-535-144	20.59												
ISSM10-540-144	20.67												
ix	Mono PERC C-Si Modules	SI230M10-64 (230)	ISSM10-545-144	20.71	64 (Full Cell)	1500	16.11.2023	15.11.2027					
			ISSM10-550-144	20.83									
			RPS2MH72M8515	19.93					144 (Half Cut Cell)	1500	16.11.2023	15.11.2027	
			RPS2MH72M8520	20.13									
			RPS2MH72M8525	20.32									
			RPS2MH72M8530	20.52									
			RPS2MH72M8515	19.93									
			RPS2MH72M8520	20.13									
			RPS2MH72M8525	20.32									
RPS2MH72M8530	20.52												
RPS2MH72M8515	19.93												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					i	Mono PERC c-Si Modules	RPS2MH72MB530 (530Wp)	RPS2MH72MB535 20.71		144 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								RPS2MH72MB540 20.9					
								RPS2MH72MB545 21.1					
								RPS2MH72MB550 21.29					
					ii	Bifacial Mono c-Si PERC Module	RPS2MH72BD530 (530Wp)	RPS2MH72BD515 19.93		144 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								RPS2MH72BD520 20.13					
								RPS2MH72BD525 20.32					
								RPS2MH72BD530 20.52					
								RPS2MH72BD535 20.71					
								RPS2MH72BD540 20.9					
								RPS2MH72BD545 21.1					
								RPS2MH72BD550 21.29					
48	M/s Abhishek Solar Industries Private Limited Unit II	Khata No. 67 Plot No. 53, Mesra, PO – Neori Vikas, Near NH 33, Ranchi, Jharkhand - 835217, India	R-58000140	142	i	Mono c-Si PERC Module	AS-575-HM156 (575 Wp)	AS-555-HM156 19.88		156 Half Cut Cells	1500	24.01.2024	23.01.2028
								AS-560-HM156 20.05					
								AS-565-HM156 20.22					
								AS-570-HM156 20.40					
								AS-575-HM156 20.59					
								AS-580-HM156 20.78					
								AS-585-HM156 20.96					
								AS-590-HM156 21.13					
								AS-595-HM156 21.30					
					ii	Mono c-Si PERC Module	AS-525-HM144 (525 Wp)	AS-500-HM144 19.36		144 Half Cut Cells	1500	24.01.2024	23.01.2028
								AS-505-HM144 19.54					
								AS-510-HM144 19.75					
								AS-515-HM144 19.94					
								AS-520-HM144 20.13					
								AS-525-HM144 20.32					
								AS-530-HM144 20.52					
								AS-535-HM144 20.70					
								AS-540-HM144 20.92					
								AS-545-HM144 21.11					
								AS-550-HM144 21.31					
					iii	Mono c-Si PERC Module	AS-475-HM132 (475 Wp)	AS-455-HM132 19.18		132 Half Cut Cells	1500	24.01.2024	23.01.2028
								AS-460-HM132 19.37					
								AS-465-HM132 19.60					
								AS-470-HM132 19.80					
								AS-475-HM132 20.01					
								AS-480-HM132 20.23					
								AS-485-HM132 20.44					
								AS-490-HM132 20.64					
								AS-495-HM132 20.85					
					iv	Mono c-Si PERC Module	AS-385-HM108 (385 Wp)	AS-375-HM108 19.21		108 Half Cut Cells	1500	24.01.2024	23.01.2028
								AS-380-HM108 19.47					
								AS-385-HM108 19.73					
								AS-390-HM108 19.99					
								AS-395-HM108 20.27					
								AS-400-HM108 20.47					
					v	Mono c-Si PERC Module	AS-430-HM120 (430Wp)	AS-415-HM120 19.20		120 Half Cut Cells	1500	24.01.2024	23.01.2028
								AS-420-HM120 19.42					
								AS-425-HM120 19.64					
								AS-430-HM120 19.87					
								AS-435-HM120 20.11					
								AS-440-HM120 20.33					
								AS-445-HM120 20.56					
								AS-450-HM120 20.79					
					vi	Mono c-Si PERC Module	AS-555-HM144 (555Wp)	AS-560-HM144 21.68		144 (Half Cut Cells)	1500	24.01.2024	23.01.2028
								AS-555-HM144 21.48					
					vii	Mono c-Si PERC Module	AS-500-HM132 (500Wp)	AS-500-HM132 21.07		132 (Half Cut Cells)	1500	24.01.2024	23.01.2028
					viii	Mono c-Si PERC Module	AS-455-HM120 (455Wp)	AS-460-HM120 21.26		120 (Half Cut Cells)	1500	24.01.2024	23.01.2028
								AS-455-HM120 21.03					
49	M/s. Icon Solar En Power Technologies Private Limited	PH No. 09, Gram Dighari Mandir Hasaud, The Arang, Raipur- 492001, Chhattisgarh, India	R-59000140	395	i	Mono c-Si PERC Module	ISEN575 (575 Wp)	ISEN560 20.03		156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ISEN565 20.21					
								ISEN570 20.39					
								ISEN575 20.57					
								ISEN580 20.75					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity					
												From	To (subject to valid BIS Registration; else deemed to be delisted)				
					ii	Mono c-Si PERC Module	ISEN540 (540 Wp)	ISEN585	20.93	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028				
								ISEN590	21.11								
								ISEN520	20.12								
								ISEN525	20.32								
								ISEN530	20.52								
								ISEN535	20.71								
								ISEN540	20.9								
								ISEN545	21.1								
								ISEN550	21.3								
								ISEN555	21.48								
					iii	Mono c-Si PERC Module	ISEN500 (500 Wp)	ISEN500	21.05	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028				
								ISEN510	21.47								
					iv	Mono c-Si PERC Module	ISEN440 (440 Wp)	ISEN420	19.41	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028				
								ISEN425	19.64								
								ISEN430	19.87								
								ISEN435	20.1								
								ISEN440	20.34								
								ISEN445	20.57								
								ISEN450	20.8								
								ISEN455	21.03								
								ISEN460	21.26								
								ISEN380	19.46					108 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					ISEN385	19.72											
					ISEN390	19.97											
					ISEN395	20.23											
					ISEN400	20.48											
					ISEN405	20.74											
					ISEN410	21											
					vi	Bifacial N-type TOPCon Module	ISEN610N-TOP (610 Wp)	ISEN620N-TOP	22.19	156 (Half Cut Cell)	1500	24.02.2024	23.02.2028				
								ISEN615N-TOP	22.01								
								ISEN610N-TOP	21.83								
								ISEN605N-TOP	21.65								
								ISEN600N-TOP	21.47								
					vii	Bifacial N-type TOPCon Module	ISEN575N-TOP (575 Wp)	ISEN590N-TOP	22.84	144 (Half Cut Cell)	1500	24.02.2024	23.02.2028				
								ISEN585N-TOP	22.64								
								ISEN580N-TOP	22.45								
								ISEN575N-TOP	22.26								
								ISEN570N-TOP	22.06								
					viii	Bifacial N-type TOPCon Module	ISEN530N-TOP (530 Wp)	ISEN565N-TOP	21.87	132 (Half Cut Cell)	1500	24.02.2024	23.02.2028				
								ISEN560N-TOP	21.68								
ISEN540N-TOP	22.74																
ISEN535N-TOP	22.53																
ISEN530N-TOP	22.32																
ix	Bifacial N-type TOPCon Module	ISEN480N-TOP (480 Wp)	ISEN525N-TOP	22.11	120 (Half Cut Cell)	1500	24.02.2024	23.02.2028									
			ISEN520N-TOP	21.90													
			ISEN500N-TOP	23.11													
			ISEN495N-TOP	22.88													
			ISEN490N-TOP	22.65													
			ISEN485N-TOP	22.41													
			ISEN480N-TOP	22.18													
			ISEN475N-TOP	21.95													
			ISEN470N-TOP	21.72													
			ISEN465N-TOP	21.49													
x	Bifacial N-type TOPCon Module	ISEN430N-TOP (430 Wp)	ISEN460N-TOP	21.26	108 (Half Cut Cell)	1500	24.02.2024	23.02.2028									
			ISEN440N-TOP	22.53													
			ISEN435N-TOP	22.28													
			ISEN430N-TOP	22.02													
			ISEN425N-TOP	21.76													
			ISEN420N-TOP	21.51													
50	M/s. Waaree Energies Limited	Unit 2B, Survey No. 267, NH-48, Nandigram Village, Taluke Umbergaon, District Valsad, Gujarat 396105	R-72003085	1156	i	Mono c-Si PERC Module	WSMD-540 (540Wp)	WSMD-520	20.2	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028				
								WSMD-525	20.39								
								WSMD-530	20.58								
								WSMD-535	20.78								
								WSMD-540	20.97								
								WSMD-545	21.17								
WSMD-550	21.36																

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Bifacial Mono c- Si PERC Module	Bi-55-540 (540Wp)	Bi-55-520 Bi-55-525 Bi-55-530 Bi-55-535 Bi-55-540 Bi-55-545 Bi-55-550	20.2 20.39 20.58 20.78 20.97 21.17 21.36	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iii	N TOPCon Module	WSMT-570 (570Wp)	WSMT-560 WSMT-565 WSMT-570 WSMT-575 WSMT-580 WSMT-605	21.75 21.94 22.14 22.33 22.53 21.74	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iv	N TOPCon Module	WSMT-615 (615Wp)	WSMT-610 WSMT-615 WSMT-620 WSMT-625	21.92 22.1 22.28 22.46	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					v	N TOPCon Module(Bifacial)	BIN-17-615 (615Wp)	BIN-17-605 BIN-17-610 BIN-17-615 BIN-17-620 BIN-17-625	21.64 21.82 22 22.18 22.35	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					vi	N TOPCon Module(Bifacial)	BiN-08-570 (570Wp)	BIN-08-560 BIN-08-565 BIN-08-570 BIN-08-575 BIN-08-580	21.67 21.87 22.06 22.25 22.45	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
51	M/s. Waaree Energies Limited	Survey No 38/1, Tumb Village, Tumb, Umbergaon, Valsad, Gujarat - 396150	R-72002038	1095	i	Mono c- Si PERC Module	WSMD-440 (440Wp)	WSMD-420 WSMD-425 WSMD-430 WSMD-435 WSMD-440 WSMD-445 WSMD-450	19.32 19.55 19.78 20.01 20.24 20.47 20.7	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					ii	Mono c- Si PERC Module	WSMD-540 (540Wp)	WSMD-520 WSMD-525 WSMD-530 WSMD-535 WSMD-540 WSMD-545 WSMD-550	20.2 20.39 20.58 20.78 20.97 21.17 21.36	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iii	Mono c- Si PERC Bifacial Module	Bi-31-440(440Wp)	Bi-31-420 Bi-31-425 Bi-31-430 Bi-31-435 Bi-31-440 Bi-31-445 Bi-31-450	19.32 19.55 19.78 20.01 20.24 20.47 20.7	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iv	Bifacial Mono c-Si PERC Module	Bi-55-540 (540Wp)	Bi-55-520 Bi-55-525 Bi-55-530 Bi-55-535 Bi-55-540 Bi-55-545 Bi-55-550	20.2 20.39 20.58 20.78 20.97 21.17 21.36	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					v	Mono c- Si PERC Module	WSMDi-400 (400Wp)	WSMDi-395 WSMDi-400 WSMDi-405 WSMDi-410 WSMDi-415	19.79 20.03 20.28 20.53 20.78	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
52	M/s. Mundra Solar PV Limited	Survey No 180P, Co Mundra Solar Technopark Pvt. Ltd, Electronic manufacturing Cluster EMC, Village Vandh & Tunda, mundra, Kutch Adani Ports & SEZ, Tunda, Kachchh - - 370435, Gujarat	R-72008532	1942				ASM-M10-144-500 ASM-M10-144-501 ASM-M10-144-502 ASM-M10-144-503 ASM-M10-144-504 ASM-M10-144-505	19.47 19.51 19.55 19.59 19.63 19.67				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					i	Mono c-Si PERC Modules	ASM-M10-144-523 (523Wp)	ASM-M10-144-506 ASM-M10-144-507 ASM-M10-144-508 ASM-M10-144-509 ASM-M10-144-510 ASM-M10-144-511 ASM-M10-144-512 ASM-M10-144-513 ASM-M10-144-514 ASM-M10-144-515 ASM-M10-144-516 ASM-M10-144-517 ASM-M10-144-518 ASM-M10-144-519 ASM-M10-144-520 ASM-M10-144-521 ASM-M10-144-522 ASM-M10-144-523 ASM-M10-144-524 ASM-M10-144-525 ASM-M10-144-526 ASM-M10-144-527 ASM-M10-144-528 ASM-M10-144-529 ASM-M10-144-530 ASM-M10-144-531 ASM-M10-144-532 ASM-M10-144-533 ASM-M10-144-534 ASM-M10-144-535 ASM-M10-144-536 ASM-M10-144-537 ASM-M10-144-538 ASM-M10-144-539 ASM-M10-144-540 ASM-M10-144-541 ASM-M10-144-542 ASM-M10-144-543 ASM-M10-144-544 ASM-M10-144-545	19.7 19.74 19.78 19.82 19.86 19.9 19.94 19.98 20.02 20.05 20.09 20.13 20.17 20.21 20.25 20.29 20.33 20.37 20.41 20.44 20.48 20.52 20.56 20.6 20.64 20.68 20.72 20.76 20.8 20.83 20.87 20.91 20.95 20.99 21.03 21.07 21.11 21.15 21.18 21.22	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					ii	Bifacial c-Si PERC Modules	ASB-M10-144-548 (548Wp)	ASB-M10-144-520 ASB-M10-144-521 ASB-M10-144-522 ASB-M10-144-523 ASB-M10-144-524 ASB-M10-144-525 ASB-M10-144-526 ASB-M10-144-527 ASB-M10-144-528 ASB-M10-144-529 ASB-M10-144-530 ASB-M10-144-531 ASB-M10-144-532 ASB-M10-144-533 ASB-M10-144-534 ASB-M10-144-535 ASB-M10-144-536 ASB-M10-144-537 ASB-M10-144-538 ASB-M10-144-539 ASB-M10-144-540 ASB-M10-144-541 ASB-M10-144-542 ASB-M10-144-543 ASB-M10-144-544 ASB-M10-144-545	20.25 20.29 20.33 20.37 20.41 20.44 20.48 20.52 20.56 20.6 20.64 20.68 20.72 20.76 20.8 20.83 20.87 20.91 20.95 20.99 21.03 21.07 21.11 21.15 21.18 21.22	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								ASB-M10-144-546	21.26	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ASB-M10-144-547	21.3				
								ASB-M10-144-548	21.34				
								ASB-M10-144-549	21.38				
								ASB-M10-144-550	21.42				
								ASB-M10-144-520	20.15				
								ASB-M10-144-525	20.34				
								ASB-M10-144-530	20.53				
								ASB-M10-144-535	20.73				
								ASB-M10-144-540	20.92				
								ASB-M10-144-545	21.12				
								ASB-M10-144-550	21.42				
								ASB-M10-144-551	21.46				
								ASB-M10-144-552	21.5				
								ASB-M10-144-553	21.54				
								ASB-M10-144-554	21.57				
								ASB-M10-144-555	21.61				
								ASB-M10-144-556	21.65				
								ASB-M10-144-557	21.69				
								ASB-M10-144-558	21.73				
								ASB-M10-144-559	21.77				
								ASB-M10-144-560	21.81				
								ASB-M10-144-561	21.85				
								ASB-M10-144-562	21.89				
								ASB-M10-144-563	21.92				
								ASB-M10-144-564	21.96				
								ASB-M10-144-565	22.00				
		ASB-M10-144-566	22.04										
		ASB-M10-144-567	22.08										
		ASB-M10-144-568	22.12										
		ASB-M10-144-569	22.16										
		ASB-M10-144-570	22.2										
		ASB-M10-144-571	22.24										
		ASB-M10-144-572	22.28										
		ASB-M10-144-573	22.31										
		ASB-M10-144-574	22.35										
		ASB-M10-144-575	22.39										
		ASB-M10-144-576	22.42										
		ASB-M10-144-577	22.46										
		ASB-M10-144-578	22.49										
		ASB-M10-144-579	22.53										
		ASB-M10-144-580	22.57										
		ASB-M10-144-555	21.61										
		ASB-M10-144-560	21.81										
		ASB-M10-144-565	22.00										
		ASB-M10-144-570	22.20										
		ASB-M10-144-575	22.39										
		Co-ALMM with M/s Goldi Sun Private Limited	R-72012025	187 MW (As per Co-Branding Agreement)		i	Bifacial N type TOPCon Module	ASB-M10-144-575 (575 Wp)		144 (Half Cut Cells)	1500	From the date of enlistment	16.01.2026
		ASB-M10-144-575	22.39										
		ASB-M10-144-575	22.39										
		ASB-M10-144-575	22.39										
		ASB-M10-144-575	22.39										
		ASB-M10-144-575	22.39										
		ASB-M10-144-575	22.39										
		ASB-M10-144-575	22.39										
		ASB-M10-144-575	22.39										
		ASB-M10-144-575	22.39										
53	M/s. Vikram Solar Ltd.	Special Economic Zone (SEZ), Sector 2, Falta, 24 Parganas (South) - 743504, West Bengal	R-51000566	1447	i	Mono c-Si PERC Module	SOMERA VSMH.72.545.05 (545 Wp)	SOMERA VSMH.72.550.05	21.33	144 (Half cut Cells)	1500	24.02.2024	23.02.2028
								SOMERA VSMH.72.545.05	21.13				
								SOMERA VSMH.72.540.05	20.94				
								SOMERA VSMH.72.535.05	20.75				
					ii	Mono c-Si PERC Module	SOMERA VSMH.60.455.05 (455 Wp)	SOMERA VSMH.60.460.05	21.28	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								SOMERA VSMH.60.455.05	21.05				
								SOMERA VSMH.60.450.05	20.82				
								SOMERA VSMH.60.445.05	20.59				
					iii	Bifacial Mono c-Si PERC Module	PARADEA VSMH.72.545.05 (545 Wp)	PARADEA VSMH.72.550.05	21.33	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								PARADEA VSMH.72.545.05	21.13				
								PARADEA VSMH.72.540.05	20.94				
								PARADEA VSMH.72.535.05	20.75				
iv	Mono c-Si PERC Module	SOMERA VSMH.72.445.05 (445 Wp)	SOMERA VSMH.72.450.05	20.23	144 (Half Cut cells)	1500	24.02.2024	23.02.2028					
			SOMERA VSMH.72.445.05	20.01									
			SOMERA VSMH.72.445.05	20.01									
			SOMERA VSMH.72.445.05	20.01									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					v	Mono c-Si PERC Modules (Glass to Glass)	PARADEA VSMDH.78.585.05 (585 Wp)	SOMERA VSMH.72.440.05 PARADEA VSMDH.78.570.05 PARADEA VSMDH.78.575.05 PARADEA VSMDH.78.580.05 PARADEA VSMDH.78.585.05 PARADEA VSMDH.78.590.05 PARADEA VSMDH.78.595.05	19.79 20.47 20.64 20.82 21.00 21.18 21.36	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					vi	Mono c-Si PERC Modules (Glass to Glass)	PARADEA VSMDH.66.500.05 (500 Wp)	PARADEA VSMDH.66.490.05 PARADEA VSMDH.66.500.05 HYPER SOL VSMDH.72.570.05	20.61 21.04 21.08	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					vii	N-Type TOPCon Module	HYPER SOL VSMDH.72.590.05 (590 Wp)	HYPER SOL VSMDH.72.575.05 HYPER SOL VSMDH.72.580.05 HYPER SOL VSMDH.72.585.05 HYPER SOL VSMDH.72.590.05 HYPER SOL VSMDH.72.595.05 HYPER SOL VSMDH.72.600.05 HYPER SOL VSMDH.72.605.05 HYPER SOL VSMDH.72.610.05	21.27 21.45 21.64 21.82 22.01 22.19 22.38 22.56	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					viii	N-Type TOPCon Module	HYPER SOL VSMDH.66.540.05 (540 Wp)	HYPER SOL VSMDH.66.520.05 HYPER SOL VSMDH.66.525.05 HYPER SOL VSMDH.66.530.05 HYPER SOL VSMDH.66.535.05 HYPER SOL VSMDH.66.540.05 HYPER SOL VSMDH.66.545.05 HYPER SOL VSMDH.66.550.05 HYPER SOL VSMDH.66.555.05	21.90 22.11 22.32 22.53 22.74 22.95 23.16 23.37	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
54	M/s. TP Solar Limited	Plot No. A 109, Near Elcot Road, TP Solar Limited, Sipcot Road and OSR Park, Gangaikondan Road, Sipcot Industrial Park, Gangaikondan Industrial Park, Tirunelveli, Tamil Nadu-627352	R-61004146	5222	i	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP575LG10B (575Wp)	TP555LG10B TP560LG10B TP565LG10B TP570LG10B TP575LG10B TP580LG10B TP585LG10B TP590LG10B TP595LG10B TP600LG10B	19.93 20.11 20.29 20.47 20.65 20.83 21.00 21.18 21.36 21.54	156(Half Cut Cells)	1500	22.03.2024	21.03.2028
					ii	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP520HG10B (520Wp)	TP500HG10B TP505HG10B TP510HG10B TP515HG10B TP520HG10B TP525HG10B TP530HG10B TP535HG10B TP540HG10B TP545HG10B	19.40 19.59 19.79 19.98 20.17 20.37 20.56 20.76 20.95 21.14	144 (Half cut Cells)	1500	22.03.2024	21.03.2028
					iii	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP550HG10B (550 Wp)	TP550HG10B TP555HG10B TP460VG10B TP465VG10B TP470VG10B TP475VG10B TP480VG10B TP485VG10B TP490VG10B TP495VG10B	21.53 21.72 19.19 19.47 19.61 19.81 20.02 20.23 20.44 20.65	144 (Half cut Cells)	1500	22.03.2024	21.03.2028
					iv	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP470VG10B (470 Wp)	TP465VG10B TP470VG10B TP475VG10B TP480VG10B TP485VG10B TP490VG10B TP495VG10B	19.47 19.61 19.81 20.02 20.23 20.44 20.65	132 (Half cut Cells)	1500	22.03.2024	21.03.2028
					v	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP500VG10B (500 Wp)	TP500VG10B TP505VG10B TP420MG10B TP425MG10B TP430MG10B TP435MG10B TP440MG10B	20.86 21.07 19.21 19.44 19.66 19.89 20.12	132 (Half cut Cells)	1500	22.03.2024	21.03.2028
					vi	Bifacial Mono c-Si PERC Module	TP435MG10B (435 Wp)	TP420MG10B TP425MG10B TP430MG10B TP435MG10B TP440MG10B	19.21 19.44 19.66 19.89 20.12	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Mono c-Si PERC Module	(480 Wp)	SE132H480M SE132H475M SE132H470M SE132H465M	20.22 20.01 19.80 19.60	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					iii	Mono c-Si PERC Module	SE120H440M (440 Wp)	SE120H460M SE120H455M SE120H450M SE120H445M SE120H440M SE120H435M SE120H430M SE120H425M SE120H420M SE108H410M SE108H405M	21.23 21.00 20.77 20.54 20.31 20.10 19.85 19.62 19.39 20.97 20.71	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					iv	Mono c-Si PERC Module	SE108H400M (400 Wp)	SE108H400M SE108H395M SE108H390M SE108H385M	20.45 20.20 19.94 19.69	108 (Half cut cells)	1500	10.04.2024	09.04.2028
					v	Mono c-Si PERC Module	SE108H375M (375 Wp)	SE108H380M SE108H375M	19.43 19.18	108 (Half cut cells)	1500	10.04.2024	09.04.2028
					vi	Mono c-Si PERC Module	SE96H345M (345 Wp)	SE96H360M SE96H355M SE96H350M SE96H345M SE96H340M SE96H335M	20.62 20.33 20.05 19.76 19.47 19.19	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					vii	Bifacial Mono c-Si PERC Module	SE144H520MB (520 Wp)	SE144H540MB SE144H535MB SE144H530MB SE144H525MB SE144H520MB SE144H515MB SE144H510MB SE144H505MB	20.92 20.73 20.53 20.34 20.15 19.95 19.76 19.57	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					viii	Bifacial Mono c-Si PERC Module	SE132H480MB (480 Wp)	SE132H500MB SE132H495MB SE132H490MB SE132H485MB SE132H480MB SE132H475MB SE132H470MB SE132H465MB	21.06 20.85 20.64 20.43 20.22 20.01 19.80 19.60	132 (Half cut Cells)	1500	10.04.2024	09.04.2028
					ix	Bifacial Mono c-Si PERC Module	SE120H440MB (440 Wp)	SE120H460MB SE120H455MB SE120H450MB SE120H445MB SE120H440MB SE120H435MB SE120H430MB SE120H425MB SE120H420MB	21.23 21.00 20.77 20.54 20.31 20.10 19.85 19.62 19.39	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					x	Bifacial Mono c-Si PERC Module	SE108H400MB (400 Wp)	SE108H410MB SE108H405MB SE108H400MB SE108H395MB SE108H390MB SE108H385MB	20.97 20.71 20.45 20.20 19.94 19.69	108 (Half cut cells)	1500	10.04.2024	09.04.2028
					xi	Bifacial Mono c-Si PERC Module	SE108H375MB (375Wp)	SE108H380MB SE108H375MB	19.43 19.18	108 (Half cut cells)	1500	10.04.2024	09.04.2028
					xii	Bifacial Mono c-Si PERC Module	SE96H345MB (345 Wp)	SE96H360MB SE96H355MB SE96H350MB SE96H345MB SE96H340MB SE96H335MB	20.62 20.33 20.05 19.76 19.47 19.19	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity					
												From	To (subject to valid BIS Registration; else deemed to be delisted)				
								PEI-132-525THGB-M10	22.12								
								PEI-132-530THGB-M10	22.33								
								PEI-132-535THGB-M10	22.54								
								PEI-132-540THGB-M10	22.75								
57	M/s. Total Solar Technologies Private Limited	Block No. 84 Paiki, Opposite Chachawadi Temple, Changodar, Chachawadi Vasma, Changodar, Ahmedabad - 382213, Gujarat, India	R-72009466	52	i	Mono c-Si PERC Module	TST144MPH-535 (535Wp)	TST144MPH-525	20.00	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028				
								TST144MPH-530	20.18								
								TST144MPH-535	20.38								
								TST144MPH-540	20.58								
					ii	Mono c-Si PERC Module	TST132MPH-490 (490Wp)	TST132MPH-480	19.91	132 (Half cut Cells)	1500	10.04.2024	09.04.2028				
								TST132MPH-485	20.11								
								TST132MPH-490	20.32								
								TST132MPH-495	20.53								
					iii	Mono c-Si PERC Module	TST120MPH-445 (445Wp)	TST132MPH-500	20.74	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028				
								TST120MPH-440	19.99								
								TST120MPH-445	20.22								
								TST120MPH-450	20.45								
					iv	Mono c-Si PERC Module	TST108MPH-400 (400Wp)	TST120MPH-455	20.68	108 (Half cut cells)	1500	10.04.2024	09.04.2028				
								TST108MPH-390	19.60								
								TST108MPH-395	19.86								
								TST108MPH-400	20.11								
					v	Mono c-Si PERC Module	TST96MPH-360 (360Wp)	TST108MPH-405	20.36	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028				
								TST108MPH-410	20.61								
								TST96MPH-350	19.68								
								TST96MPH-355	19.96								
					vi	Mono c-Si PERC Module	TST84MPH-315 (315Wp)	TST96MPH-360	20.24	84 (Half Cut Cells)	1500	10.04.2024	09.04.2028				
								TST96MPH-365	20.52								
								TST84MPH-305	19.46								
								TST84MPH-310	19.78								
					vii	Mono c-Si PERC Module	TST72MPH-270 (270Wp)	TST84MPH-315	20.09	72 (Half cut Cells)	1500	10.04.2024	09.04.2028				
								TST84MPH-320	20.41								
								TST72MPH-260	19.16								
								TST72MPH-265	19.53								
viii	Mono c-Si PERC Module	TST60MPH-220 (220Wp)	TST72MPH-270	19.90	60 (Half Cut Cells)	1500	10.04.2024	09.04.2028									
			TST72MPH-275	20.27													
			TST60MPH-220	19.22													
			TST60MPH-225	19.66													
58	M/s. Integrated Batteries India Pvt Ltd	Plot No. 40, Sector -10, Greater Noida, Uttar Pradesh - 201310, India	R-93017612	93	i	Mono c-Si PERC Modules	IBMPF-395 (395 Wp)	IBMPF-380	19.30	108 (Half Cut Cells)	1500	10.04.2024	09.04.2028				
								IBMPF-385	19.55								
								IBMPF-390	19.81								
								IBMPF-395	20.06								
					ii	Mono c-Si PERC Modules	IBMPH-435 (435 Wp)	IBMPF-400	20.31	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028				
								IBMPH-405	20.57								
								IBMPH-410	20.82								
								IBMPH-415	19.05								
								IBMPH-420	19.28								
								IBMPH-425	19.51								
								IBMPH-430	19.74								
								IBMPH-435	19.97								
					iii	Mono c-Si PERC Modules	IBMPH-480 (480 Wp)	IBMPH-440	20.19	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028				
								IBMPH-445	20.42								
								IBMPH-450	20.65								
								IBMPH-455	20.88								
								IBMPH-460	19.26								
								IBMPH-465	19.47								
								IBMPH-470	19.68								
								IBMPH-475	19.89								
					iv	Mono c-Si PERC Modules	IBMPH-525 (525 Wp)	IBMPH-480	20.10	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028				
								IBMPH-485	20.31								
								IBMPH-490	20.52								
								IBMPH-495	20.73								
												IBMPH-500	20.93				
												IBMPH-505	19.57				
												IBMPH-510	19.77				
												IBMPH-515	19.96				
							IBMPH-520	20.16									
							IBMPH-525	20.35									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								IBMPH-530	20.54				
								IBMPH-535	20.74				
								IBMPH-540	20.93				
								IBMPH-545	21.13				
59	M/s.ReNew Photovoltaics Private Limited	Plot No. 232, TP-2/A, Dholera Special Investment Region, Dholera, Ahmedabad - 382455, Gujarat, India	R-72009903	1766	i	Bifacial Mono c-Si PERC Module	RPS2MH72BD550 (550Wp)	RPS2MH72BD535	20.71	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								RPS2MH72BD540	20.90				
								RPS2MH72BD545	21.10				
								RPS2MH72BD550	21.30				
								RPS2MH72BD555	21.48				
								RPS2MH72BD560	21.68				
								RPS2MH72BD530	20.52				
					ii	Bifacial Mono c-Si PERC Modules	RPS2MH72BD560 (560 Wp)	RPS2MH72BD535	20.71				
								RPS2MH72BD540	20.90				
								RPS2MH72BD545	21.10				
								RPS2MH72BD550	21.30				
								RPS2MH72BD555	21.48				
								RPS2MH72BD560	21.68				
								RPS2MH72BD530	20.52				
60	M/s. Grew Energy Private Limited	Khasra No. 2215, 2216, 1654, 1655, 1656, 2217, 2214, DUDU Jaipur, Rajasthan- 303008, India	R-84004332	2803	i	Mono c-Si PERC Module	GMF72HM10540 (540 Wp)	GMF72HM10525	20.32	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								GMF72HM10530	20.51				
								GMF72HM10535	20.71				
								GMF72HM10540	20.90				
								GMF72HM10545	21.09				
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB72HM10540 (540 Wp)	GMF72HM10550	21.29				
								GMB72HM10525	20.32				
								GMB72HM10530	20.51				
								GMB72HM10535	20.71				
								GMB72HM10540	20.90				
					iii	Mono c-Si PERC Module	GMF66HM10490 (490 Wp)	GMB72HM10545	21.09				
								GMB72HM10550	21.29				
								GMF66HM10480	20.20				
								GMF66HM10485	21.41				
GMF66HM10490	20.62												
iv	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB66HM10490 (490 Wp)	GMF66HM10495	20.83									
			GMF66HM10500	21.04									
			GMF66HM10505	21.25									
			GMB66HM10480	20.20									
			GMB66HM10485	21.41									
v	Mono c-Si PERC Module	GMF60HM10450 (450 Wp)	GMB66HM10490	20.62									
			GMB66HM10495	20.83									
			GMB66HM10500	21.04									
			GMB66HM10505	21.25									
			GMB66HM10480	20.20									
vi	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB60HM10450 (450 Wp)	GMB66HM10485	21.41									
			GMB60HM10435	20.08									
			GMB60HM10440	20.31									
			GMB60HM10445	20.54									
			GMB60HM10450	20.77									
vii	Mono c-Si PERC Module	GMF54HM10400 (400 Wp)	GMB60HM10455	21.00									
			GMB60HM10460	21.23									
			GMF54HM10390	19.93									
			GMF54HM10395	20.19									
			GMF54HM10400	20.44									
viii	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB54HM10400 (400 Wp)	GMF54HM10405	20.70									
			GMF54HM10410	20.95									
			GMF54HM10415	21.21									
			GMB54HM10390	19.93									
			GMB54HM10395	20.19									
							GMB54HM10400	20.44					
							GMB54HM10405	20.70					
							GMB54HM10410	20.95					
							GMB54HM10415	21.21					
							GMB54HM10340	19.46					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity						
												From	To (subject to valid BIS Registration; else deemed to be delisted)					
					ix	Mono c-Si PERC Module	GMF48HM10350 (350 Wp)	GMF48HM10345	19.75	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028					
								GMF48HM10350	20.04									
								GMF48HM10355	20.32									
								GMF48HM10360	20.61									
								GMF48HM10365	20.90									
					x	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB48HM10350 (350 Wp)	GMB48HM10340	19.46	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028					
								GMB48HM10345	19.75									
								GMB48HM10350	20.04									
								GMB48HM10355	20.32									
								GMB48HM10360	20.61									
					xi	N Type TOPCon Module	GTG78HM10615 (615 Wp)	GMB48HM10365	20.90	156 (Half Cut Cells)	1500	10.04.2024	09.04.2028					
								GTG78HM10635	22.72									
								GTG78HM10630	22.54									
								GTG78HM10625	22.36									
								GTG78HM10620	22.18									
					xii	N Type TOPCon Module	GTG72HM10580 (580 Wp)	GTG78HM10615	22.00	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028					
								GTG78HM10610	21.82									
								GTG78HM10605	21.64									
								GTG72HM10590	22.84									
								GTG72HM10585	22.64									
					xiii	N Type TOPCon Module	GTG66HM10525 (525 Wp)	GTG72HM10575	22.26	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028					
								GTG72HM10570	22.06									
								GTG66HM10540	22.73									
								GTG66HM10535	22.52									
								GTG66HM10530	22.31									
					xiv	N Type TOPCon Module	GTG60HM10475 (475 Wp)	GTG66HM10525	22.10	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028					
								GTG66HM10520	21.89									
								GTG66HM10515	21.68									
								GTG60HM10490	22.62									
								GTG60HM10485	22.39									
					xv	N Type TOPCon Module	GTG54HM10425 (425 Wp)	GTG60HM10470	21.70	128 (Half Cut Cells)	1500	10.04.2024	09.04.2028					
								GTG60HM10465	21.47									
								GTG54HM10440	22.49									
								GTG54HM10435	22.24									
								GTG54HM10430	21.98									
					xvi	N Type TOPCon Module	GTG48HM10375 (375 Wp)	GTG54HM10420	21.47	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028					
								GTG54HM10415	21.21									
								GTG48HM10390	22.33									
								GTG48HM10385	22.04									
								GTG48HM10380	21.76									
					61	M/s. AG Solar Urja Udyog	Plot No. 428 & 443, Khata No. 212/215, Rengali, Sambalpur - 768212, Orissa, India	R-52000205	53	i	Mono c-Si PERC Modules	ASU144CM545Wp (545 Wp)	GTG48HM10375	21.47	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
													GTG48HM10370	21.19				
													GTG48HM10365	20.90				
													ASU144CM520Wp	20.15				
													ASU144CM525Wp	20.34				
													ASU144CM530Wp	20.53				
													ASU144CM535Wp	20.73				
													ASU144CM540Wp	20.92				
ASU144CM545Wp	21.12																	
ASU144CM550Wp	21.31																	
ASU132CM510Wp	21.48																	
ASU132CM505Wp	21.27																	
ii	Mono c-Si PERC Module	ASU132CM500Wp (500 Wp)	ASU132CM500Wp	21.06	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028										
			ASU132CM495Wp	20.85														
			ASU132CM490Wp	20.64														
iii	Mono c-Si PERC Module	ASU120CM435Wp (435 Wp)	ASU120CM450Wp	20.80	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028										
			ASU120CM445Wp	20.57														
			ASU120CM440Wp	20.34														
			ASU120CM435Wp	20.10														
			ASU120CM430Wp	19.87														
			ASU120CM425Wp	19.64														
ASU120CM420Wp	19.41																	

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iv	Mono c-Si PERC Module	ASU108CM400Wp (400 Wp)	ASU108CM410Wp ASU108CM405Wp ASU108CM400Wp ASU108CM395Wp ASU108CM390Wp	21.00 20.74 20.48 20.23 19.97	108 (Half Cut Cells)	1500	10.04.2024	09.04.2028
62	M/s. FS India Solar Ventures Private Limited	Plot No. A-1/1, Sipcot Industrial Park, Pillaipakkam - 602105, Tamil Nadu, India	R-61004316	3212	i	Cadmium Telluride Thin Film Module	FS-7525-FT1 (525 Wp)	FS-7505-FT1 FS-7510-FT1 FS-7515-FT1 FS-7520-FT1 FS-7525-FT1 FS-7530-FT1 FS-7532-FT1 FS-7535-FT1 FS-7540-FT1	18.06 18.23 18.41 18.60 18.77 18.95 19.02 19.13 19.30	268 (Thin Film Cells)	1500	29.04.2024	28.04.2028
					ii	Cadmium Telluride Thin Film Module	FS-7525A-FT1 (525 Wp)	FS-7505A-FT1 FS-7510A-FT1 FS-7515A-FT1 FS-7520A-FT1 FS-7525A-FT1 FS-7530A-FT1 FS-7532A-FT1 FS-7535A-FT1 FS-7540A-FT1	18.06 18.23 18.41 18.60 18.77 18.95 19.02 19.13 19.30	268 (Thin Film Cells)	1500	29.04.2024	28.04.2028
63	M/s. RenewSys India Pvt Ltd	Sy No. 114/P, Srinagar (V), Fabcity, Maheswaram(M), Ranga Reddy District, Telangana - 501359, India	R-63000760	576	i	Bifacial N type TOPCon Modules	DESERV EXTREME-635 (635 Wp)	DESERV EXTREME-650 DESERV EXTREME-645 DESERV EXTREME-640 DESERV EXTREME-635 DESERV EXTREME-630 DESERV EXTREME-625 DESERV EXTREME-620 DESERV EXTREME-615	23.30 23.12 22.94 22.76 22.59 22.41 22.23 22.05	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					ii	Bifacial N type TOPCon Modules	DESERV EXTREME-590 (590 Wp)	DESERV EXTREME-600 DESERV EXTREME-595 DESERV EXTREME-590 DESERV EXTREME-585 DESERV EXTREME-580 DESERV EXTREME-575 DESERV EXTREME-570 DESERV EXTREME-565	23.26 23.06 22.87 22.68 22.48 22.29 22.09 21.90	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					iii	Bifacial N type TOPCon Modules	DESERV EXTREME-490 (490 Wp)	DESERV EXTREME-500 DESERV EXTREME-495 DESERV EXTREME-490 DESERV EXTREME-485 DESERV EXTREME-480 DESERV EXTREME-475 DESERV EXTREME-470 DESERV EXTREME-465	22.97 22.72 22.46 22.21 21.95 21.70 21.44 21.18	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					iv	Bifacial N type TOPCon Modules	DESERV EXTREME-440 (440 Wp)	DESERV EXTREME-450 DESERV EXTREME-445 DESERV EXTREME-440 DESERV EXTREME-435 DESERV EXTREME-430 DESERV EXTREME-425 DESERV EXTREME-420 DESERV EXTREME-415	22.97 22.72 22.46 22.21 21.95 21.70 21.44 21.18	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					v	N type TOPCon Modules	DESERV SGALACTIC-635 (635 Wp)	DESERV SGALACTIC-635 DESERV SGALACTIC-630 DESERV SGALACTIC-625 DESERV SGALACTIC-620 DESERV SGALACTIC-615	22.76 22.59 22.41 22.23 22.05	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					vi	N type TOPCon Modules	DESERV SGALACTIC-590 (590 Wp)	DESERV SGALACTIC-590 DESERV SGALACTIC-585 DESERV SGALACTIC-580 DESERV SGALACTIC-575 DESERV SGALACTIC-570	22.87 22.68 22.48 22.29 22.09	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vii	N type TOPCon Modules	DESERV SGALACTIC-490 (490 Wp)	DESERV SGALACTIC-565 DESERV SGALACTIC-490 DESERV SGALACTIC-485 DESERV SGALACTIC-480 DESERV SGALACTIC-475 DESERV SGALACTIC-470 DESERV SGALACTIC-465	21.90 22.60 22.37 22.13 21.90 21.67 21.44	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					viii	N type TOPCon Modules	DESERV SGALACTIC-440 (440 Wp)	DESERV SGALACTIC-440 DESERV SGALACTIC-435 DESERV SGALACTIC-430 DESERV SGALACTIC-425 DESERV SGALACTIC-420 DESERV SGALACTIC-415	22.46 22.21 21.95 21.70 21.44 21.18	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
64	M/s. Oswal Solar Structure Pvt. Ltd.	Opp DD International Pvt Ltd, Link Road, Village Kutail, Karnal- 132037, Haryana, India	R-91013935	170	i	Mono c-Si PERC Module	OSWAL265MPD72 (265 Wp)	OSWAL255MPD72 OSWAL260MPD72 OSWAL265MPD72 OSWAL270MPD72 OSWAL275MPD72	19.06 19.43 19.80 20.18 20.55	72 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					ii	Mono c-Si PERC Module	OSWAL265MPN72 (265 Wp)	OSWAL255MPN72 OSWAL260MPN72 OSWAL265MPN72 OSWAL270MPN72 OSWAL275MPN72	19.06 19.43 19.80 20.18 20.55	72 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					iii	Mono c-Si PERC Module	OSWAL350MPD96 (350 Wp)	OSWAL335MPD96 OSWAL340MPD96 OSWAL345MPD96 OSWAL350MPD96 OSWAL355MPD96 OSWAL360MPD96 OSWAL365MPD96	19.06 19.34 19.63 19.91 20.20 20.48 20.76	96 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					iv	Mono c-Si PERC Module	OSWAL350MPN96 (350 Wp)	OSWAL335MPN96 OSWAL340MPN96 OSWAL345MPN96 OSWAL350MPN96 OSWAL355MPN96 OSWAL360MPN96 OSWAL365MPN96	19.06 19.34 19.63 19.91 20.20 20.48 20.76	96 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					v	Mono c-Si PERC Module	OSWAL390MPD108 (390 Wp)	OSWAL375MPD108 OSWAL380MPD108 OSWAL385MPD108 OSWAL390MPD108 OSWAL395MPD108 OSWAL400MPD108 OSWAL405MPD108	19.11 19.37 19.62 19.88 20.13 20.39 20.64	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					vi	Mono c-Si PERC Module	OSWAL410MPD108 (410 Wp)	OSWAL410MPD108	20.90	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					vii	Mono c-Si PERC Module	OSWAL390MPN108 (390 Wp)	OSWAL375MPN108 OSWAL380MPN108 OSWAL385MPN108 OSWAL390MPN108 OSWAL395MPN108 OSWAL400MPN108 OSWAL405MPN108	19.11 19.37 19.62 19.88 20.13 20.39 20.64	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					viii	Mono c-Si PERC Module	OSWAL410MPN108 (410 Wp)	OSWAL410MPN108	20.90	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					ix	Mono c-Si PERC Module	OSWAL435MPD120 (435 Wp)	OSWAL415MPD120 OSWAL420MPD120 OSWAL425MPD120 OSWAL430MPD120 OSWAL435MPD120 OSWAL440MPD120 OSWAL445MPD120 OSWAL450MPD120 OSWAL455MPD120	19.11 19.34 19.57 19.80 20.03 20.26 20.49 20.72 20.95	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL415MPN120 OSWAL420MPN120	19.11 19.34				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					x	Mono c-Si PERC Module	OSWAL435MPN120 (435 Wp)	OSWAL425MPN120	19.57	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL430MPN120	19.80				
								OSWAL435MPN120	20.03				
								OSWAL440MPN120	20.26				
								OSWAL445MPN120	20.49				
								OSWAL450MPN120	20.72				
					xi	Mono c-Si PERC Module	OSWAL475MPD132 (475 Wp)	OSWAL455MPD132	19.20	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL460MPD132	19.41				
								OSWAL465MPD132	19.62				
								OSWAL470MPD132	19.83				
								OSWAL475MPD132	20.04				
								OSWAL480MPD132	20.25				
					xii	Mono c-Si PERC Module	OSWAL500MPD132 (500 Wp)	OSWAL485MPD132	20.46	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL490MPD132	20.67				
					xiii	Mono c-Si PERC Module	OSWAL475MPN132 (475 Wp)	OSWAL495MPD132	20.88	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL500MPD132	21.10				
								OSWAL455MPN132	19.20				
								OSWAL460MPN132	19.41				
								OSWAL465MPN132	19.62				
OSWAL470MPN132	19.83												
OSWAL475MPN132	20.04												
OSWAL480MPN132	20.25												
OSWAL485MPN132	20.46												
OSWAL490MPN132	20.67												
xiv	Mono c-Si PERC Module	OSWAL500MPN132 (500 Wp)	OSWAL495MPN132	20.88	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
			OSWAL500MPN132	21.10									
xv	Mono c-Si PERC Module	OSWAL520MP144 (520 Wp)	OSWAL500MP144	21.09	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
			OSWAL495MP144	19.16									
			OSWAL500MP144	19.35									
			OSWAL505MP144	19.54									
			OSWAL510MP144	19.74									
			OSWAL515MP144	19.94									
			OSWAL520MP144	20.13									
			OSWAL525MP144	20.32									
			OSWAL530MP144	20.51									
			OSWAL535MP144	20.71									
xvi	Mono c-Si PERC Module	OSWAL550MP144 (550 Wp)	OSWAL540MP144	20.90	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
			OSWAL545MP144	21.09									
xvii	Mono c-Si PERC Module	OSWAL520MPN144 (520 Wp)	OSWAL550MP144	21.29	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
			OSWAL495MPN144	19.16									
			OSWAL500MPN144	19.35									
			OSWAL505MPN144	19.54									
			OSWAL510MPN144	19.74									
			OSWAL515MPN144	19.94									
			OSWAL520MPN144	20.13									
			OSWAL525MPN144	20.32									
			OSWAL530MPN144	20.51									
			OSWAL535MPN144	20.71									
xviii	Mono c-Si PERC Module	OSWAL550MPN144 (550 Wp)	OSWAL540MPN144	20.90	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
			OSWAL545MPN144	21.09									
xix	Mono c-Si PERC Module	OSWAL570MP156 (570 Wp)	OSWAL550MP156	21.29	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
			OSWAL550MP156	19.70									
			OSWAL555MP156	19.88									
			OSWAL560MP156	20.06									
			OSWAL565MP156	20.24									
			OSWAL570MP156	20.42									
			OSWAL575MP156	20.59									
			OSWAL580MP156	20.77									
			OSWAL585MP156	20.95									
			OSWAL590MP156	21.13									
OSWAL595MP156	21.31												
65	M/s. HQ Lamps	Plot No. 459-B, Sector - 53, Phase III,	R-91014206	46				HQL144CMD520Wp	20.14				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
	Manufacturing Co Pvt Ltd.	EPIP Industrial Estate, Kundali, Sonapat-131028, Haryana, India			i	Mono c-Si PERC Modules	HQL144CMD535Wp (535 Wp)	HQL144CMD525Wp	20.34	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								HQL144CMD530Wp	20.53				
								HQL144CMD535Wp	20.73				
								HQL144CMD540Wp	20.92				
								HQL144CMD545Wp	21.12				
								HQL144CMD550Wp	21.31				
								HQL144CMD495Wp	19.18				
								HQL144CMD500Wp	19.36				
					ii	Mono c-Si PERC Modules	HQL144CMD505 Wp	HQL144CMD505Wp	19.55	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								HQL144CMD510Wp	19.74				
								HQL144CMD515Wp	19.94				
								HQL144CMD450Wp	19.03				
					iii	Mono c-Si PERC Modules	HQL132CMD 465Wp (465 Wp)	HQL132CMD455Wp	19.24	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								HQL132CMD460Wp	19.45				
								HQL132CMD465Wp	19.67				
								HQL132CMD470Wp	19.88				
								HQL132CMD475Wp	20.09				
								HQL132CMD480Wp	20.30				
								HQL132CMD485Wp	20.51				
								HQL132CMD490Wp	20.72				
					iv	Mono c-Si PERC Modules	HQL132CMD 490Wp (490 Wp)	HQL132CMD495Wp	20.93	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								HQL132CMD500Wp	21.15				
								HQL120CMD410Wp	19.02				
								HQL120CMD415Wp	19.25				
					v	Mono c-Si PERC Modules	HQL120CMD 425Wp (425 Wp)	HQL120CMD420Wp	19.48	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								HQL120CMD425Wp	19.71				
								HQL120CMD430Wp	19.94				
								HQL120CMD435Wp	20.18				
vi	Mono c-Si PERC Modules	HQL120CMD 450Wp (450 Wp)	HQL120CMD440Wp	20.41	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
			HQL120CMD445Wp	20.64									
			HQL120CMD450Wp	20.87									
			HQL120CMD455Wp	21.10									
vii	Mono c-Si PERC Modules	HQL108CMD 385Wp (385 Wp)	HQL108CMD370Wp	19.13	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
			HQL108CMD375Wp	19.38									
			HQL108CMD380Wp	19.64									
			HQL108CMD385Wp	19.90									
viii	Mono c-Si Modules	HQL36CMD1 20Wp(120 Wp)	HQL36CMN120Wp	19.88	36 (Half Cut Cells)	600	24.05.2024	23.05.2028					
			ADM260-72M	19.76									
			ADM265-72M	20.14									
			ADM270-72M	20.52									
			ADM275-72M	20.90									
			ADM280-72M	21.28									
			ADM350-96M	19.93									
			ADM355-96M	20.22									
ii	Mono c-Si PERC Module	ADM360-96M (360Wp)	ADM360-96M	20.50	96 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
			ADM365-96M	20.79									
			ADM370-96M	21.07									
			ADM400-108M	20.33									
iii	Mono c-Si PERC Module	ADM405-108M (405Wp)	ADM405-108M		108 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
			ADM410-108M	20.58									
			ADM415-108M	20.83									
			ADM445-120M	21.09									
iv	Mono c-Si PERC Module	ADM450-120M (450Wp)	ADM445-120M	20.43	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
			ADM450-120M	20.66									
			ADM455-120M	20.89									
			ADM460-120M	21.12									
			ADM465-120M	21.35									
			ADM485-132M	20.31									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity					
												From	To (subject to valid BIS Registration; else deemed to be delisted)				
					v	Mono c-Si PERC Module	ADM500-132M (500Wp)	ADM490-132M	20.52	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028				
								ADM495-132M	20.73								
								ADM500-132M	20.94								
								ADM505-132M	21.15								
								ADM510-132M	21.36								
					vi	Mono c-Si PERC Module	ADM525-144M (525Wp)	ADM500-144M	19.38	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028				
								ADM505-144M	19.58								
								ADM510-144M	19.77								
								ADM515-144M	19.97								
								ADM520-144M	20.16								
								ADM525-144M	20.35								
								ADM530-144M	20.51								
								ADM535-144M	20.71								
								ADM540-144M	20.90								
								ADM545-144M	21.09								
					vii	Mono c-Si PERC Module	ADM590-156M (590Wp)	ADM550-144M	21.29	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028				
								ADM555-144M	21.48								
								ADM575-156M	20.57								
								ADM580-156M	20.74								
								ADM585-156M	20.92								
								ADM590-156M	21.10								
67	M/s. Cosmic PV Power Pvt. Ltd.	Survey No. 1605/1, Block No. 2098/1/B, Tadkeshwar, Mandavi, Surat-394170, Gujarat, India	R-72009539	185	i	Mono c-Si PERC Module	COS TWIN-525 (525Wp)	COS TWIN-510	19.74	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028				
								COS TWIN-515	19.93								
								COS TWIN-520	20.13								
								COS TWIN-525	20.32								
								COS TWIN-530	20.51								
								COS TWIN-535	20.71								
								COS TWIN-540	20.90								
								COS TWIN-545	21.10								
								COS TWIN-550	21.30								
								LUM 24590M	21.11					156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24585M	20.93								
								LUM 24580M	20.75								
								LUM 24575M	20.57								
								LUM 24570M	20.39								
LUM 24565M	20.21																
LUM 24560M	20.03																
LUM 24555M	19.85																
LUM 24550M	19.67																
LUM 24545M	19.49																
LUM 24540M	19.31																
LUM 24535M	19.13																
LUM 24530M	18.95																
LUM 24525M	18.77																
68	M/s. Luminous Power Technologies Pvt. Ltd.	Plot No- CP-17 To CP-22, Sector-City Park, Luminous Plant, P.N.D.T IIE Sidcul, Pant Nagar, Rudrapur, Udham Singh Nagar - 263153, Uttarakhand, India	R- 83011410	300	i	Mono c-Si PERC Module	LUM 24570M (570 Wp)	LUM 24590M	20.64	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028				
								LUM 24485M	20.43								
								LUM 24480M	20.22								
								LUM 24475M	20.01								
								LUM 24470M	19.80								
					ii	Mono c-Si PERC Module	LUM 24525M (525 Wp)	LUM 24465M	19.59	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028				
								LUM 24460M	19.38								
								LUM24455M	19.17								
								LUM 24450M	20.80								
								LUM 24445M	20.57								
					iii	Mono c-Si PERC Module	LUM 24475M (475 Wp)	LUM 24440M	20.33	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028				
								LUM 24435M	20.10								
								LUM 24430M	19.87								
								LUM 24425M	19.64								
iv	Mono c-Si PERC Module	LUM 24430M (430 Wp)	LUM 24420M	19.41													
			LUM 24415M	19.18													
			LUM 24410M	18.95													
			LUM 24400M	20.48													

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					v	Mono c-Si PERC Module	LUM 24385M (385 Wp)	LUM 24395M LUM 24390M LUM 24385M LUM 24380M LUM 24375M	20.23 19.97 19.71 19.46 19.20	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					vi	N type TOPCon Modules	LUM 24600T156 (600 Wp)	LUM 24630T156 LUM 24625T156 LUM 24620T156 LUM 24615T156 LUM 24610T156 LUM 24605T156 LUM 24600T156 LUM 24595T156 LUM 24590T156 LUM 24585T156 LUM 24580T156 LUM 24575T156 LUM 24570T156	22.54 22.36 22.18 22.00 21.82 21.64 21.46 21.28 21.11 20.93 20.75 20.57 20.39	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					vii	N type TOPCon Modules	LUM 24565T144 (565 Wp)	LUM 24590T144 LUM 24585T144 LUM 24580T144 LUM 24575T144 LUM 24570T144 LUM 24565T144 LUM 24560T144 LUM 24555T144 LUM 24550T144 LUM 24545T144 LUM 24540T144	22.83 22.63 22.44 22.25 22.05 21.86 21.67 21.47 21.28 21.09 20.89	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					viii	N type TOPCon Modules	LUM 24535T144 (535 Wp)	LUM 24535T144	20.70	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM24540TG144 (540 Wp)	LUM 24540TG144	20.89	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					x	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM24540TG144 (570 Wp)	LUM 24545TG144 LUM 24550TG144 LUM 24555TG144 LUM 24560TG144 LUM 24565TG144 LUM 24570TG144 LUM 24575TG144 LUM 24580TG144 LUM 24585TG144 LUM 24590TG144 LUM 24595TG144	21.09 21.28 21.48 21.67 21.86 22.06 22.25 22.44 22.64 22.83 23.02	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xi	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM24600TG156 (600 Wp)	LUM 24570TG156 LUM 24575TG156 LUM 24580TG156 LUM 24585TG156 LUM 24590TG156 LUM 24595TG156 LUM 24600TG156 LUM 24605TG156 LUM 24610TG156 LUM 24615TG156 LUM 24620TG156 LUM 24625TG156 LUM 24630TG156	20.39 20.57 20.75 20.93 21.11 21.29 21.46 21.64 21.82 22.00 22.18 22.36 22.54	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xii	Bifacial Mono C-Si PERC Module (Glass to Glass)	LUM24575MG (575Wp)	LUM 24560MG LUM 24565MG LUM 24570MG LUM 24575MG	20.03 20.21 20.39 20.57	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						Module (Glass to Glass)		LUM 24580MG	20.75				
								LUM 24585MG	20.93				
								LUM 24590MG	21.11				
					xiii	Bifacial Mono C-Si PERC Module (Glass to Glass)	LUM 24500MG (500 Wp)	LUM 24500MG	19.35	144(Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24505MG	19.54				
								LUM 24510MG	19.73				
								LUM 24515MG	19.93				
								LUM 24520MG	20.12				
								LUM 24525MG	20.31				
					xiv	Bifacial Mono C-Si PERC Module (Glass to Glass)	LUM 24530MG (530 Wp)	LUM 24530MG	20.51	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24535MG	20.70				
								LUM 24540MG	20.89				
								LUM 24545MG	21.09				
								LUM 24550MG	21.28				
								LUM 24555MG	21.48				
								LUM 24455MG	19.17				
								LUM 24460MG	19.38				
								LUM 24465MG	19.59				
								LUM 24470MG	19.80				
					xv	Bifacial Mono C-Si PERC Module (Glass to Glass)	LUM 24475MG (475 Wp)	LUM 24475MG	20.01	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24480MG	20.22				
								LUM 24485MG	20.43				
								LUM 24490MG	20.64				
								LUM 24495MG	20.86				
								LUM 2415MG	19.18				
								LUM 24420MG	19.41				
								LUM 24425MG	19.64				
								LUM 24430MG	19.87				
					xvi	Bifacial Mono c- Si PERC Module (Glass to Glass)	LUM 24430MG (430 Wp)	LUM 24435MG	20.10	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24440MG	20.34				
								LUM 24445MG	20.57				
								LUM 24450MG	20.80				
								LUM 24375MG	19.20				
								LUM 24380MG	19.46				
								LUM 24385MG	19.72				
								LUM 24390MG	19.97				
								LUM 24395MG	20.23				
								LUM 24400MG	20.48				
								AMS 24590M	21.11				
								AMS 24585M	20.93				
								AMS 24580M	20.75				
								AMS 24575M	20.57				
								AMS 24570M	20.39				
								AMS 24565M	20.21				
								AMS 24560M	20.03				
								AMS 24555M	19.85				
								AMS 24550M	21.28				
								AMS 24545M	21.09				
								AMS 24540M	20.89				
								AMS 24535M	20.70				
								AMS 24530M	20.51				
								AMS 24525M	20.31				
								AMS 24520M	20.12				
								AMS 24515M	19.93				
								AMS 24510M	19.74				
								AMS 24505M	19.54				
								AMS 24500M	19.35				
								AMS 24495M	20.85				
								AMS 24490M	20.64				
								AMS 24485M	20.43				
								AMS 24480M	20.22				
								AMS 24475M	20.01				
								AMS 24470M	19.80				
								AMS 24465M	19.59				
			R- 83011479										
					xviii	Mono c-Si PERC Module	AMS 24570M (570 Wp)	AMS 24570M	20.39	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24565M	20.21				
								AMS 24560M	20.03				
								AMS 24555M	19.85				
								AMS 24550M	21.28				
								AMS 24545M	21.09				
								AMS 24540M	20.89				
								AMS 24535M	20.70				
								AMS 24530M	20.51				
								AMS 24525M	20.31				
								AMS 24520M	20.12				
								AMS 24515M	19.93				
								AMS 24510M	19.74				
								AMS 24505M	19.54				
								AMS 24500M	19.35				
								AMS 24495M	20.85				
								AMS 24490M	20.64				
								AMS 24485M	20.43				
								AMS 24480M	20.22				
								AMS 24475M	20.01				
								AMS 24470M	19.80				
								AMS 24465M	19.59				
					xx	Mono c-Si PERC Module	AMS 24475M (475 Wp)	AMS 24480M	20.22	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24475M	20.01				
								AMS 24470M	19.80				
								AMS 24465M	19.59				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity					
												From	To (subject to valid BIS Registration; else deemed to be delisted)				
								AMS24460M	19.38								
								AMS24455M	19.17								
					xxi	Mono c-Si PERC Module	AMS 24430M (430 Wp)	AMS 24450M	20.80	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028				
							AMS 24445M	20.57									
							AMS 24440M	20.33									
							AMS 24435M	20.10									
							AMS 24430M	19.87									
							AMS 24425M	19.64									
							AMS 24420M	19.41									
							AMS 24415M	19.18									
							AMS 24400M	20.48									
							AMS 24395M	20.23									
					xxii	Mono c-Si PERC Module	AMS 24385M (385 Wp)	AMS 24390M	19.97	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028				
							AMS 24385M	19.71									
							AMS 24380M	19.46									
							AMS 24375M	19.20									
							AMS 24630T156	22.54									
							AMS 24625T156	22.36									
							AMS 24620T156	22.18									
							AMS 24615T156	22.00									
							AMS 24610T156	21.82									
							AMS 24605T156	21.64									
					xxiii	N type TOPCon Modules	AMS 24600T156 (600 Wp)	AMS 24600T156	21.46	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028				
							AMS 24595T156	21.28									
							AMS 24590T156	21.11									
							AMS 24585T156	20.93									
							AMS 24580T156	20.75									
							AMS 24575T156	20.57									
							AMS 24570T156	20.39									
							AMS 24590T144	22.83									
							AMS 24585T144	22.63									
							AMS 24580T144	22.44									
					xxiv	N type TOPCon Modules	AMS 24560T144 (560 Wp)	AMS 24575T144	22.25	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028				
							AMS 24570T144	22.05									
							AMS 24565T144	21.86									
							AMS 24560T144	21.67									
							AMS 24555T144	21.47									
							AMS 24550T144	21.28									
							AMS 24545T144	21.09									
							AMS 24540T144	20.89									
					xxv	N type TOPCon Modules	AMS 24535T144 (535 Wp)	AMS 24535T144	20.70					144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xxvi	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 24540TG144 (540 Wp)	AMS 24540TG144	20.89					144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xxvii	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 24570TG144 (570 Wp)	AMS 24545TG144	21.09	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028				
									AMS 24550TG144					21.28			
									AMS 24555TG144					21.48			
									AMS 24560TG144					21.67			
									AMS 24565TG144					21.86			
									AMS 24570TG144					22.06			
									AMS 24575TG144					22.25			
									AMS 24580TG144					22.44			
									AMS 24585TG144					22.64			
									AMS 24590TG144					22.83			
							AMS 24595TG144	23.02									
					xxviii	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 24600TG156 (600 Wp)	AMS 24570TG156	20.39	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028				
									AMS 24575TG156					20.57			
									AMS 24580TG156					20.75			
									AMS 24585TG156					20.93			
									AMS 24590TG156					21.11			
									AMS 24595TG156					21.29			
									AMS 24600TG156					21.46			
									AMS 24605TG156					21.64			
									AMS 24610TG156					21.82			

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ix	Mono c-Si PERC Module	ECO490 M10HC132 (490 Wp)	ECO 550M10HC144	21.32	132 (Half Cut Cells)	1500	Date of inclusion in ALMM	01.09.2026
								ECO 555M10HC144	21.52				
								ECO 560M10HC144	21.71				
								ECO470 M10HC132	19.84				
								ECO475 M10HC132	20.02				
								ECO480 M10HC132	20.26				
								ECO485 M10HC132	20.46				
								ECO490 M10HC132	20.66				
								ECO495 M10HC132	20.87				
								ECO500 M10HC132	21.06				
								ECO505 M10HC132	21.28				
								ECO510 M10HC132	21.49				
								ECO 425M10HC120	19.67				
								ECO 430M10HC120	19.88				
								ECO 435M10HC120	20.12				
					ECO 440M10HC120	20.37							
					ECO 445M10HC120	20.60							
					ECO 450M10HC120	20.84							
					ECO 455M10HC120	21.00							
					ECO 460M10HC120	21.23							
					ECO 465M10HC120	21.47							
					x	Mono c-Si PERC Module	ECO 445M10HC120 (445Wp)	ECO 505M10HC144G	19.57	120 (Half Cut Cells)	1500	Date of inclusion in ALMM	01.09.2026
								ECO 510M10HC144G	19.76				
								ECO 515M10HC144G	19.95				
								ECO 520M10HC144G	20.15				
								ECO 525M10HC144G	20.34				
								ECO 530M10HC144G	20.53				
								ECO 535M10HC144G	20.73				
								ECO 540M10HC144G	20.92				
								ECO 545M10HC144G	21.31				
								ECO 550M10HC144G	21.31				
								ECO 555M10HC144G	21.50				
								ECO 460M10HC132G	19.40				
								ECO 465M10HC132G	19.60				
								ECO 470M10HC132G	19.84				
								ECO 475M10HC132G	20.02				
					ECO 480M10HC132G	20.26							
					ECO 485M10HC132G	20.46							
					ECO 490M10HC132G	20.66							
					ECO 495M10HC132G	20.87							
					ECO 500M10HC132G	21.08							
					ECO 415M10HC120G	19.18							
					ECO 420M10HC120G	19.42							
					ECO 425M10HC120G	19.65							
					ECO 430M10HC120G	19.86							
ECO 435M10HC120G	20.10												
ECO 440M10HC120G	20.35												
ECO 445M10HC120G	20.58												
ECO 450M10HC120G	20.81												
ECO 455M10HC120G	21.02												
xi	Bifacial Mono c-Si PERC (Glass to Glass)	ECO 530M10HC144G (530Wp)	E550HCBG144	21.29	144 (Half Cut Cells)	1500	Date of inclusion in ALMM	01.09.2026					
			E545HCBG144	21.10									
			E540HCBG144	20.90									
			E535HCBG144	20.71									
			E530HCBG144	20.52									
			E525HCBG144	20.32									
			E520HCBG144	20.13									
			E515HCBG144	19.94									
			E510HCBG144	19.74									
			E505HCBG144	19.55									
			E500HCBG144	19.36									
			E495HCBG144	19.16									
			E500HCBG144	19.36									
			E500HCBG132	21.03									
			E495HCBG132	20.82									
71	M/s. Emmvee Energy Private Limited	Sy. No. 66-70/3, Sompura Industrial Area, Pemmanahalli Village, Sompura Hobli, Nelamangala Taluk, Bengaluru Rural District, Karnataka - 562111, India	R-62004626	1504	i	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E525HCBG144 (525 Wp)	E550HCBG144	21.29	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E545HCBG144	21.10				
								E540HCBG144	20.90				
ii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E495HCBG144 (495 Wp)	E495HCBG144	19.16	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028					
			E500HCBG144	19.36									
			E500HCBG132	21.03									
iii	Bifacial Mono c-Si PERC Module (Glass to Glass)	ECO 435M10HC120G (435Wp)	E500HCBG144	19.36	120 (Half Cut Cells)	1500	Date of inclusion in ALMM	01.09.2026					
			E500HCBG132	21.03									
			E495HCBG132	20.82									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iii	Modules (Glass to Glass)	E490HCBG132 (490 Wp)	E490HCBG132	20.61	132 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E485HCBG132	20.40				
								E480HCBG132	20.19				
								E450HCBG120	20.74				
					iv	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E430HCBG120 (430 Wp)	E445HCBG120	20.51	120 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E440HCBG120	20.28				
								E435HCBG120	20.05				
								E430HCBG120	19.82				
								E425HCBG120	19.59				
								E420HCBG120	19.36				
								E415HCBG120	19.13				
								E405HCBG108	20.76				
								E400HCBG108	20.51				
								v	Bifacial Mono c-Si PERC Modules (Glass to Glass)				
					E390HCBG108	20.00							
					E385HCBG108	19.74							
					E580HCBG144-T	22.45							
					vi	Bifacial N-Type TOPCon Modules (Glass to Glass)	E555HCBG144-T (555 Wp)	E575HCBG144-T	22.26	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E570HCBG144-T	22.07				
								E565HCBG144-T	21.87				
								E560HCBG144-T	21.68				
								E555HCBG144-T	21.48				
								E550HCBG144-T	21.29				
								E545HCBG144-T	21.10				
								E540HCBG144-T	20.90				
								E535HCBG144-T	20.71				
								E530HCBG144-T	20.52				
					vii	Bifacial N-Type TOPCon Modules (Glass to Glass)	E525HCBG144-T (525 Wp)	E525HCBG144-T	20.32	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
					viii	Bifacial N-Type TOPCon Modules (Glass to Glass)	E505HCBG132-T (505 Wp)	E530HCBG132-T	22.29	132 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E525HCBG132-T	22.08				
								E520HCBG132-T	21.87				
								E515HCBG132-T	21.66				
								E510HCBG132-T	21.45				
								E505HCBG132-T	21.24				
								E500HCBG132-T	21.03				
								E495HCBG132-T	20.82				
								E490HCBG132-T	20.61				
								E485HCBG132-T	20.40				
					ix	Bifacial N-Type TOPCon Modules (Glass to Glass)	E460HCBG120-T (460 Wp)	E480HCBG132-T	20.19	120 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E480HCBG120-T	22.13				
E475HCBG120-T	21.90												
E470HCBG120-T	21.67												
E465HCBG120-T	21.44												
E460HCBG120-T	21.20												
E455HCBG120-T	20.97												
E450HCBG120-T	20.74												
E445HCBG120-T	20.51												
E440HCBG120-T	20.28												
x	Bifacial N-Type TOPCon Modules (Glass to Glass)	E415HCBG108-T (415 Wp)	E435HCBG108-T	22.30	108 (Half Cut Cells)	1500	08.07.2024	07.07.2028					
			E430HCBG108-T	22.05									
			E425HCBG108-T	21.79									
			E420HCBG108-T	21.53									
			E415HCBG108-T	21.28									
			E410HCBG108-T	21.02									
			E405HCBG108-T	20.76									
			E400HCBG108-T	20.51									
			E395HCBG108-T	20.25									
			72	M/s. Lubi Electronics					Survey No. 75, Opposite Essar Petrol Pump, Prantiya, Gandhinagar - 382355, Gujarat, India	R-72002380	40	i	Mono c-Si PERC Module
LE24M405	20.63												
LE24M400	20.37												
LE24M395	20.12												
LE24M390	19.86												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								LE24M38S	19.61				
								LE24M380	19.36				
								LE144M555H	21.48				
								LE144M550H	21.29				
								LE144M545H	21.10				
								LE144M540H	20.90				
								LE144M535H	20.71				
					ii	Mono c-Si PERC Module	LE144M530H (530 Wp)	LE144M530H	20.52	144 (Half Cut Cells)	1500	02.12.2024	12.09.2025
								LE144M525H	20.32				
								LE144M520H	20.13				
								LE144M515H	19.94				
								LE144M510H	19.74				
								LE144M505H	19.55				
					iii	Mono c-Si PERC Module	LE144M500H (500 Wp)	LE144M500H	19.35	144 (Half Cut Cells)	1500	02.12.2024	12.09.2025
								LE144MBF550H	21.29				
								LE144MBF545H	21.10				
								LE144MBF540H	20.90				
								LE144MBF535H	20.71				
								LE144MBF530H	20.52				
					iv	Bifacial Mono c-Si PERC Module	LE144MBF525H (525 Wp)	LE144MBF525H	20.32	144 (Half Cut Cells)	1500	02.12.2024	12.09.2025
								LE144MBF520H	20.13				
								LE144MBF515H	19.94				
								LE144MBF510H	19.74				
								LE144MBF505H	19.55				
								LE144MBF500H	19.35				
								LE132M505H	21.26				
								LE132M500H	21.05				
								LE132M495H	20.83				
								LE132M490H	20.62				
					v	Mono c-Si PERC Module	LE132M485H (485 Wp)	LE132M485H	20.41	132 (Half Cut Cells)	1500	02.12.2024	12.09.2025
								LE132M480H	20.20				
								LE132M475H	19.99				
								LE132M470H	19.78				
								LE132M465H	19.57				
								LE132M460H	19.36				
								LE132MBF500H	21.05				
								LE132MBF495H	20.83				
								LE132MBF490H	20.62				
								LE132MBF485H	20.41				
					vi	Bifacial Mono c-Si PERC Module	LE132MBF480H (480 Wp)	LE132MBF480H	20.20	132 (Half Cut Cells)	1500	02.12.2024	12.09.2025
								LE132MBF475H	19.99				
								LE132MBF470H	19.78				
								LE132MBF465H	19.57				
								LE132MBF460H	19.36				
					vii	Bifacial Mono c-Si PERC Module	LE132MBF455H (455 Wp)	LE132MBF455H	19.15	132 (Half Cut Cells)	1500	02.12.2024	12.09.2025
								LE120M460H	21.18				
								LE120M455H	20.95				
								LE120M450H	20.72				
								LE120M445H	20.49				
					viii	Mono c-Si PERC Module	LE120M440H (440 Wp)	LE120M440H	20.26	120 (Half Cut Cells)	1500	02.12.2024	12.09.2025
								LE120M435H	20.03				
								LE120M430H	19.80				
								LE120M425H	19.57				
					ix	Mono c-Si PERC Module	LE120M420H (420 Wp)	LE120M420H	19.34	120 (Half Cut Cells)	1500	02.12.2024	12.09.2025
								LE120MBF455H	20.95				
								LE120MBF450H	20.72				
								LE120MBF445H	20.49				
								LE120MBF440H	20.26				
					x	Bifacial Mono c-Si PERC Module	LE120MBF435H (435 Wp)	LE120MBF435H	20.03	120 (Half Cut Cells)	1500	02.12.2024	12.09.2025
								LE120MBF430H	19.80				
								LE120MBF425H	19.57				
								LE120MBF420H	19.34				
								LE120MBF415H	19.11				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xi	Mono c-Si PERC Module	LE108M400H (400 Wp)	LE108M415H LE108M410H LE108M405H LE108M400H LE108M395H LE108M390H LE108M385H LE108M380H	21.15 20.90 20.64 20.39 20.13 19.88 19.62 19.37	108 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					xii	Mono c-Si PERC Module	LE108M375H (375 Wp)	LE108M375H	19.11	108 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					xiii	Bifacial Mono c-Si PERC Module	LE108MBF385H (385 Wp)	LE108MBF410H LE108MBF405H LE108MBF400H LE108MBF395H LE108MBF390H LE108MBF385H LE108MBF380H LE108MBF375H	20.90 20.64 20.39 20.13 19.88 19.62 19.37 19.11	108 (Half Cut Cells)	1500	02.12.2024	12.09.2025
73	M/s Avaada Electro Private Limited	Khasra No. 1145, 1146, 1150, 1151, 1152, 1154, 1156, Village - Kot, Tehsil - Dadri, Pargana, Dadri, Gautam Buddha Nagar - 203207, Uttar Pradesh, India	R-93030724	1165	i	Bifacial N-Type TOPCon Modules	AVN72M10G575 (575 Wp)	AVN72M10G565 AVN72M10G570 AVN72M10G575 AVN72M10G580 AVN72M10G585	21.87 22.06 22.26 22.45 22.64	144 (Half Cut Cells)	1500	28.08.2024	27.08.2028
					ii	Bifacial N-Type TOPCon Modules	AVN66M10G525 (525 Wp)	AVN66M10G515 AVN66M10G520 AVN66M10G525 AVN66M10G530 AVN66M10G535	21.69 21.90 22.11 22.32 22.53	132 (Half Cut Cells)	1500	28.08.2024	27.08.2028
					iii	Bifacial N-Type TOPCon Modules	AVN60M10G475 (475 Wp)	AVN60M10G465 AVN60M10G470 AVN60M10G475 AVN60M10G480 AVN60M10G485	21.47 21.70 21.93 22.16 22.39	120 (Half Cut Cells)	1500	28.08.2024	27.08.2028
74	M/s. Laxmi Solar Power System Private Limited	Khasra No. 192, Harsun Tildahdih Kharora near ITBP camp, Raipur - 493225, Chhattisgarh, India	R-59000442	121	i	Mono c-Si PERC Modules	LSP 530 (530 Wp)	LSP 520 LSP 525 LSP 530 LSP 535 LSP 540	20.13 20.32 20.52 20.71 20.90	144 (Half Cut Cells)	1500	28.08.2024	27.08.2028
					ii	Mono c-Si PERC Modules	LSP 435 (435 Wp)	LSP 420 LSP 425 LSP 430 LSP 435 LSP 440 LSP 445 LSP 450	19.41 19.64 19.87 20.10 20.33 20.57 20.80	120 (Half Cut Cells)	1500	28.08.2024	27.08.2028
					iii	Mono c-Si PERC Modules	LSP 400 (400 Wp)	LSP 390 LSP 395 LSP 400 LSP 405 LSP 410	19.97 20.23 20.48 20.74 20.99	108 (Half Cut Cells)	1500	28.08.2024	27.08.2028
					iv	Mono c-Si PERC Modules	LSP 500 (500 Wp)	LSP 500	21.05	132 (Half Cut Cells)	1500	28.08.2024	27.08.2028
75	M/s. Uratom Solar (India) Private Limited	Survey No. 752 P1, National Highway 27, Near Chordi Village, Gondal - 360311, Gujarat, India	R-72010081	46	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	USM10 - 144 - 530 WP (530 Wp)	USM10 - 144 - 510 WP USM10 - 144 - 515 WP USM10 - 144 - 520 WP USM10 - 144 - 525 WP USM10 - 144 - 530 WP USM10 - 144 - 535 WP USM10 - 144 - 540 WP USM10 - 144 - 545 WP USM10 - 144 - 550 WP	19.72 19.91 20.10 20.30 20.49 20.68 20.88 21.07 21.26	144 (Half Cut Cells)	1500	28.08.2024	27.08.2028
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent)	USM10 - 132 - 490 WP (490 Wp)	USM10 - 132 - 495 WP USM10 - 132 - 500 WP USM10 - 132 - 505 WP USM10 - 120 - 425 WP USM10 - 120 - 430 WP	19.14 19.33 19.52 19.63 19.86	132 (Half Cut Cells)	1500	28.08.2024	27.08.2028
						Bifacial Mono c-Si PERC		USM10 - 120 - 435 WP	20.09				

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												From	To (subject to valid BIS Registration; else deemed to be delisted)					
					iii	Module (Glass to Transparent Backsheet)	USM10 - 120 - 440 WP (440 Wp)	USM10 - 120 - 440 WP	20.32	120 (Half Cut Cells)	1500	28.08.2024	27.08.2028					
								USM10 - 120 - 445 WP	20.55									
								USM10 - 120 - 450 WP	20.78									
								USM10 - 120 - 455 WP	21.01									
								USM10 - 120 - 460 WP	21.24									
								USM10 - 144 - 510 WP	19.72									
					iv	Mono c-Si PERC Module	USM10 - 144 - 530 WP (530 Wp)	USM10 - 144 - 515 WP	19.91	144 (Half Cut Cells)	1500	28.08.2024	27.08.2028					
								USM10 - 144 - 520 WP	20.10									
								USM10 - 144 - 525 WP	20.30									
								USM10 - 144 - 530 WP	20.49									
								USM10 - 144 - 535 WP	20.68									
								USM10 - 144 - 540 WP	20.88									
								USM10 - 144 - 545 WP	21.07									
								USM10 - 144 - 550 WP	21.26									
					v	Mono c-Si PERC Module	USM10 - 132 - 490 WP (490 Wp)	USM10 - 132 - 495 WP	19.14	132 (Half Cut Cells)	1500	28.08.2024	27.08.2028					
								USM10 - 132 - 500 WP	19.33									
								USM10 - 132 - 505 WP	19.52									
					vi	Mono c-Si PERC Module	USM10 - 120 - 440 WP (440 Wp)	USM10 - 120 - 425 WP	19.63	120 (Half Cut Cells)	1500	28.08.2024	27.08.2028					
								USM10 - 120 - 430 WP	19.86									
								USM10 - 120 - 435 WP	20.09									
								USM10 - 120 - 440 WP	20.32									
								USM10 - 120 - 445 WP	20.55									
								USM10 - 120 - 450 WP	20.78									
								USM10 - 120 - 455 WP	21.01									
USM10 - 120 - 460 WP	21.25																	
76	M/s Powertrac Solar Pojects Limited	IS No. - 248/2, Opp. Rai Bus stand, Wadhwan-Limbdi Highway, Taluko Wadhwan, Sankali, Surendranagar-363030, Gujarat, India	R-72007269	47	i	Mono c-Si PERC Modules	PSPL144MPM530 (530 Wp)	PSPL144MPM505	19.54	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028					
								PSPL144MPM510	19.73									
								PSPL144MPM515	19.93									
								PSPL144MPM520	20.12									
								PSPL144MPM525	20.31									
								PSPL144MPM530	20.51									
								PSPL144MPM535	20.70									
								PSPL144MPM540	20.89									
								PSPL144MPM545	21.09									
								PSPL144MPM550	21.28									
								PSPL156MPM545	19.49					156 (Half Cut Cells)	1500	27.09.2024	26.09.2028	
								PSPL156MPM550	19.67									
					PSPL156MPM555	19.85												
					PSPL156MPM560	20.02												
					PSPL156MPM565	20.20												
					PSPL156MPM570	20.38												
					PSPL156MPM575	20.56												
					PSPL156MPM580	20.74												
					PSPL156MPM585	20.92												
					PSPL156MPM590	21.10												
					PSPL156MPM595	21.28												
					77	M/s. Sun N Sand Exim (India) Pvt. Ltd.	Plot No- 106, Sector 16, HSIIDC Industrial Estate, Bahadurgarh, Distt. Jhajjar, Haryana – 124507, India	R-91004529	69	i	Mono c-Si PERC Modules	SNS120CM340Wp (340 Wp)	SNS120CM330Wp					19.58
													SNS120CM335Wp	19.88				
													SNS120CM340Wp	20.18				
SNS120CM345Wp	20.47																	
SNS120CM350Wp	20.77																	
SNS120CM435Wp	20.06	120 (Half Cut Cell)	1500	27.09.2024									26.09.2028					
SNS120CM440Wp	20.29																	
SNS120CM445Wp	20.52																	
SNS120CM450Wp	20.75																	
SNS120CM455Wp	20.99																	
SNS120CM460Wp	21.22																	
iii	Mono c-Si PERC Modules	SNS132CM375Wp (375 Wp)	SNS132CM365Wp	19.78						132 (Half Cut Cell)	1500	27.09.2024	26.09.2028					
			SNS132CM370Wp	20.05														
			SNS132CM375Wp	20.33														
			SNS132CM380Wp	20.6														
			SNS132CM385Wp	20.87														
			SNS132CM475Wp	20.01										132 (Half Cut Cell)	1500	27.09.2024	26.09.2028	
SNS132CM480Wp	20.22																	
SNS132CM485Wp	20.43																	
SNS132CM490Wp	20.64																	
iv	Mono c-Si PERC Modules	SNS132CM490Wp	SNS132CM490Wp	20.64						132 (Half Cut Cell)	1500	27.09.2024	26.09.2028					
			SNS132CM490Wp	20.64														

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iv	Mono c-Si PERC Modules	(490 Wp)	SNS132CM495Wp 20.86 SNS132CM500Wp 21.07 SNS132CM505Wp 21.28 SNS132CM510Wp 21.49	20.86 21.07 21.28 21.49	132 (Half Cut Cell)	1500	27.09.2024	26.09.2028
					v	Mono c-Si PERC Modules	SNS144CM550Wp (550 Wp)	SNS144CM530Wp 20.52 SNS144CM535Wp 20.71 SNS144CM540Wp 20.9 SNS144CM545Wp 21.1 SNS144CM550Wp 21.29 SNS144CM555Wp 21.48 SNS144CM560Wp 21.68 SNS144CM565Wp 21.87 SNS144CM570Wp 22.07	20.52 20.71 20.9 21.1 21.29 21.48 21.68 21.87 22.07	144 (Half Cut Cell)	1500	27.09.2024	26.09.2028
					vi	Mono c-Si PERC Modules	SNS36CM135Wp (135 Wp)	SNS36CM135Wp	19.61	36 (Half Cut Cell)	600	27.09.2024	26.09.2028
					vii	Mono c-Si PERC Modules	SNS36CM155Wp (155 Wp)	SNS36CM150Wp 19.41 SNS36CM155Wp 20.05	19.41 20.05	36 (Half Cut Cell)	600	27.09.2024	26.09.2028
					viii	Mono c-Si PERC Modules	SNS36CM175Wp (175 Wp)	SNS36CM175Wp 19.64 SNS36CM180Wp 20.2 SNS96CM265Wp 19.49	19.64 20.2 19.49	36 (Half Cut Cell)	600	27.09.2024	26.09.2028
					ix	Mono c-Si PERC Modules	SNS96CM275Wp (275 Wp)	SNS96CM270Wp 19.85 SNS96CM275Wp 20.22 SNS96CM280Wp 20.59 SNS96CM350Wp 20.03	19.85 20.22 20.59 20.03	96 (Half Cut Cell)	1500	27.09.2024	26.09.2028
					x	Mono c-Si PERC Modules	SNS96CM360Wp (360 Wp)	SNS96CM355Wp 20.31 SNS96CM360Wp 20.6 SNS96CM365Wp 20.89 SNS96CM370Wp 21.17	20.31 20.6 20.89 21.17	96 (Half Cut Cell)	1500	27.09.2024	26.09.2028
					xi	Mono c-Si PERC Modules	SNS144CM520Wp	SNS144CM525Wp 20.32 SNS144CM520Wp 20.13 SNS144CM515Wp 19.94	20.32 20.13 19.94	144 (Half Cut Cell)	1500	27.09.2024	26.09.2028
					xii	Mono c-Si PERC Modules	SNS132CM470Wp	SNS132CM470Wp 19.80 SNS132CM465Wp 19.59	19.80 19.59	132 (Half Cut Cell)			
					xiii	Mono c-Si PERC Modules	SMS120CM425Wp	SNS120CM430Wp 19.83 SNS120CM425Wp 19.60 SNS120CM420Wp 19.37 SNS120CM415Wp 19.14	19.83 19.60 19.37 19.14	120 (Half Cut Cell)			
					xiv	Mono c-Si PERC Modules	SNS72CM310Wp	SNS72CM310Wp 21.02 SNS72CM305Wp 20.68 SNS72CM300Wp 20.34	21.02 20.68 20.34	72 (Half Cut Cell)			
					xv	Mono c-Si PERC Modules	SNS64CM245Wp	SNS64CM250Wp 21.15 SNS64CM245Wp 20.73 SNS64CM240Wp 20.31	21.15 20.73 20.31	64 (Half Cut Cell)			
					xvi	Mono c-Si PERC Modules	SNS64CM230Wp	SNS64CM235Wp 19.88 SNS64CM230Wp 19.46 SNS64CM225Wp 19.04	19.88 19.46 19.04	64 (Half Cut Cell)			
					xvii	Mono c-Si PERC Modules	SNS64CM215Wp	SNS64CM220Wp 20.62 SNS64CM215Wp 20.15	20.62 20.15	64 (Half Cut Cell)			
					xviii	Mono c-Si PERC Modules	SNS64CM200Wp	SNS64CM210Wp 21.20 SNS64CM205Wp 20.69 SNS64CM200Wp 20.19 SNS64CM195Wp 19.68 SNS64CM190Wp 19.18	21.20 20.69 20.19 19.68 19.18	64 (Half Cut Cell)			
					xix	Mono c-Si PERC Modules	SNS36CM160Wp	SNS36CM165Wp 19.94 SNS36CM160Wp 19.34 SNS36CM155Wp 19.68	19.94 19.34 19.68	36 (Half Cut Cell)			
					xx	Mono c-Si PERC Modules	SNS36CM120Wp	SNS36CM120Wp	19.68	36 (Half Cut Cell)			
					xxi	Mono c-Si PERC Modules	SNS36CM0100Wp	SNS36CM0100Wp	19.26	36 (Half Cut Cell)			
					xxii	Mono c-Si PERC Modules	SNS36CM080Wp	SNS36CM080Wp	19.57	36 (Half Cut Cell)			
					xxiii	Mono c-Si PERC Modules	SNS36CMP135Wp	SNS36CMP140Wp 20.92 SNS36CMP135Wp 20.17 SNS36CMP130Wp 19.42	20.92 20.17 19.42	36 (Half Cut Cell)			
					xxiv	Mono c-Si PERC Modules	SNS36CMP105Wp	SNS36CMP110Wp 21.02 SNS36CMP105Wp 20.07 SNS36CMP100Wp 19.11	21.02 20.07 19.11	36 (Half Cut Cell)			
					xxv	Mono c-Si PERC Modules	SNS36CMP080Wp	SNS36CMP080Wp	20.46	36 (Half Cut Cell)			
					xxvi	Mono c-Si PERC Modules	SNS36CMP075Wp	SNS36CMP075Wp	19.18	36 (Half Cut Cell)			

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxvii	Mono c-Si PERC Modules	SNS36CMP060Wp	SNS36CMP060Wp	19.69	36 (Half Cut Cell)			
					xxviii	Mono c-Si PERC Modules	SNS36CMP050Wp	SNS36CMP050Wp	19.54	36 (Half Cut Cell)			
78	Junna Solar Systems Limited	Unit – II Plot Number 21, Chandanvaally, Sy No 195, Shabad Mandal, Hythabad, Ranga Reddy, Telangana, India-501503	R-63004146	94	i	Mono c-Si PERC Module	JUNNA525MP144 (525 Wp)	JUNNA550MP144	21.31	144 (Half Cut Cell)	1500V	27.09.2024	26.09.2028
								JUNNA545MP144	21.12				
								JUNNA540MP144	20.92				
								JUNNA535MP144	20.73				
								JUNNA530MP144	20.53				
								JUNNA525MP144	20.34				
								JUNNA520MP144	20.15				
								JUNNA515MP144	19.95				
								JUNNA510MP144	19.76				
								JUNNA505MP144	19.57				
								JUNNA500MP144	19.37				
								JUNNA495MP132	21.06				
					ii	Mono c-Si PERC Module	JUNNA480MP132 (480 Wp)	JUNNA495MP132	20.85	132 (Half Cut Cell)	1500V	27.09.2024	26.09.2028
								JUNNA490MP132	20.64				
								JUNNA485MP132	20.43				
								JUNNA480MP132	20.22				
								JUNNA475MP132	20.01				
								JUNNA470MP132	19.80				
					iii	Mono c-Si PERC Module	JUNNA435MP120 (435 Wp)	JUNNA465MP132	19.59	120 (Half Cut Cell)	1500V	27.09.2024	26.09.2028
								JUNNA460MP132	19.38				
								JUNNA455MP120	21.00				
								JUNNA450MP120	20.77				
								JUNNA445MP120	20.54				
								JUNNA440MP120	20.31				
iv	Mono c-Si PERC Module	JUNNA395MP108 (395 Wp)	JUNNA435MP120	20.08	108 (Half Cut Cell)	1500V	27.09.2024	26.09.2028					
			JUNNA430MP120	19.85									
			JUNNA425MP120	19.62									
			JUNNA420MP120	19.39									
			JUNNA415MP120	19.16									
			JUNNA410MP108	20.97									
v	Mono c-Si PERC Module	JUNNA350MP96 (350 Wp)	JUNNA405MP108	20.71	96 (Half Cut Cell)	1500V	27.09.2024	26.09.2028					
			JUNNA400MP108	20.45									
			JUNNA395MP108	20.20									
			JUNNA390MP108	19.94									
			JUNNA385MP108	19.69									
			JUNNA380MP108	19.43									
vi	Mono c-Si PERC Module	JUNNA265MP72 (265 Wp)	JUNNA365MP96	20.91	72 (Half Cut Cell)	1500V	27.09.2024	26.09.2028					
			JUNNA360MP96	20.62									
			JUNNA355MP96	20.33									
			JUNNA350MP96	20.05									
			JUNNA345MP96	19.76									
			JUNNA340MP96	19.47									
79	M/s SAEI Solar P6 Pvt. Ltd.	Land Kh. No. 354/2, New Kh. No. 844/354, Village Patan, Tehsil Kishangarh, Ajmer - 305801, Rajasthan, India	R-84004898	2374	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SL156GTG-630 T (630 Wp)	JUNNA335MP96	19.19	156 (Half Cut Cells)	1500	14.10.2024	13.10.2028
								JUNNA275MP72	20.75				
								JUNNA270MP72	20.37				
								JUNNA265MP72	19.99				
								JUNNA260MP72	19.61				
								JUNNA255MP72	19.24				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SL144GTG-580T (580 Wp)	SL156GTG-640 T	22.94	144(Half Cut Cells)	1500	14.10.2024	13.10.2028
								SL156GTG-635 T	22.76				
								SL156GTG-630 T	22.58				
								SL156GTG-625 T	22.4				
								SL156GTG-620 T	22.23				
								SL156GTG-615 T	22.05				
iii	Mono c-Si PERC Module	SL144HC-530	SL156GTG-610 T	21.87	144(Half Cut Cells)	1500	14.10.2024	13.10.2028					
			SL156GTG-605 T	21.69									
			SL156GTG-600 T	21.51									
			SL144GTG-580T	22.53									
			SL144GTG-575T	22.34									
			SL144GTG-570T	22.14									
SL144GTG-565T	21.95												
SL144HC-545	21.09	144(Half Cut Cells)	1500	14.10.2024	13.10.2028								
SL144HC-540	20.89												
SL144HC-535	20.7												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iii	Mono c-Si PERC Module	(530 Wp)	SL144HC-530 SL144HC-525 SL144HC-520	20.51 20.31 20.12	144 (Half Cut Cells)	1500	28.10.2024	27.10.2028
80	M/s. FS Green Energies Private Limited	Block No. 160 - 164, 168 Besides Act Agro Chem Pvt. Ltd., Juni Jithardi Road, Near Karjan Cross Road, NH - 8, Vadodara-391240, Gujarat, India	R-72011258	572	i	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.156G-620 (620 Wp)	FST-M10.156G-630	22.54	156 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FST-M10.156G-625	22.36				
								FST-M10.156G-620	22.18				
								FST-M10.156G-615	22.00				
								FST-M10.156G-610	21.82				
								FST-M10.144G-580	22.45				
					ii	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.144G-570 (570 Wp)	FST-M10.144G-575	22.26	144 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FST-M10.144G-570	22.07				
								FST-M10.144G-565	21.87				
								FST-M10.144G-560	21.68				
								FST-M10.132G-530	22.33				
								FST-M10.132G-525	22.12				
					iii	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.132G-525 (525 Wp)	FST-M10.132G-520	21.91	132 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FST-M10.120G-480	22.18				
								FST-M10.120G-475	21.95				
					iv	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.120G-475 (475 Wp)	FST-M10.120G-470	21.72	120 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FST-M10.108G-435	22.26				
								FST-M10.108G-430	22.01				
					v	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.108G-430 (430 Wp)	FST-M10.108G-425	21.75	108 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FST-M10.108G-420	21.50				
								FSP-M10.156B-600	21.46				
					vi	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.156B-585 (585 Wp)	FSP-M10.156B-595	21.29	156 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.156B-590	21.11				
								FSP-M10.156B-585	20.93				
								FSP-M10.156B-580	20.75				
								FSP-M10.156B-575	20.57				
								FSP-M10.156B-570	20.39				
								FSP-M10.156B-565	20.21				
								FSP-M10.156B-560	20.03				
								FSP-M10.144B-550	21.29				
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.144B-535 (535 Wp)	FSP-M10.144B-545	21.10	144 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.144B-540	20.90				
								FSP-M10.144B-535	20.71				
								FSP-M10.144B-530	20.52				
								FSP-M10.144B-525	20.32				
								FSP-M10.144B-520	20.13				
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.132B-495 (495 Wp)	FSP-M10.132B-505	21.28	132 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.132B-500	21.07				
								FSP-M10.132B-495	20.86				
								FSP-M10.132B-490	20.64				
								FSP-M10.132B-485	20.43				
								FSP-M10.132B-480	20.22				
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.120B-445 (445 Wp)	FSP-M10.120B-460	21.26	120 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.120B-455	21.03				
								FSP-M10.120B-450	20.80				
								FSP-M10.120B-445	20.57				
FSP-M10.120B-440	20.34												
FSP-M10.120B-435	20.10												
x	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.108B-405 (405 Wp)	FSP-M10.120B-430	19.87	108 (Half Cut Cells)	1500	28.10.2024	27.10.2028					
			FSP-M10.108B-415	21.24									
			FSP-M10.108B-410	20.98									
			FSP-M10.108B-405	20.73									
			FSP-M10.108B-400	20.47									
			FSP-M10.108B-395	20.22									
xi	Mono c-Si PERC Module	FSP-M10.156W-580 (580 Wp)	FSP-M10.108B-390	19.96	156 (Half Cut Cells)	1500	28.10.2024	27.10.2028					
			FSP-M10.156W-600	21.46									
			FSP-M10.156W-595	21.29									
			FSP-M10.156W-590	21.11									
			FSP-M10.156W-585	20.93									
							FSP-M10.156W-580	20.75					
							FSP-M10.156W-575	20.57					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity										
												From	To (subject to valid BIS Registration; else deemed to be delisted)									
								FSP-M10.156W-570	20.39	144 (Half Cut Cells)	1500	28.10.2024	27.10.2028									
								FSP-M10.156W-565	20.21													
								FSP-M10.156W-560	20.03													
					xii	Mono c-Si PERC Module	FSP-M10.144W-535 (535 Wp)	FSP-M10.144W-550	21.29													
								FSP-M10.144W-545	21.10													
								FSP-M10.144W-540	20.90													
								FSP-M10.144W-535	20.71													
								FSP-M10.144W-530	20.52													
								FSP-M10.144W-525	20.32													
								FSP-M10.144W-520	20.13													
								xiii	Mono c-Si PERC Module					FSP-M10.132W-490 (490Wp)	FSP-M10.132W-505	21.28						
															FSP-M10.132W-500	21.07						
					FSP-M10.132W-495	20.86																
					FSP-M10.132W-490	20.64																
					FSP-M10.132W-485	20.43																
					FSP-M10.132W-480	20.22																
					FSP-M10.120W-460	21.26																
					FSP-M10.120W-455	21.03																
					FSP-M10.120W-450	20.80																
					xiv	Mono c-Si PERC Module	FSP-M10.120W-450 (450 Wp)	FSP-M10.120W-445	20.57													
								FSP-M10.120W-440	20.34													
								FSP-M10.120W-435	20.10													
								FSP-M10.120W-430	19.87													
								FSP-M10.108W-415	21.24													
								FSP-M10.108W-410	20.98													
								FSP-M10.108W-405	20.73													
								FSP-M10.108W-400	20.47													
								FSP-M10.108W-395	20.22													
					xv	Mono c-Si PERC Module	FSP-M10.108W-400 (400 Wp)	FSP-M10.108W-390	19.96													
								FSP-M10.144G-560	21.68													
								FSP-M10.144G-555	21.48													
								FSP-M10.144G-550	21.29													
								FSP-M10.144G-545	21.10													
								FSP-M10.144G-540	20.90													
								FSP-M10.144G-535	20.71													
								FSP-M10.144G-530	20.52													
								FSP-M10.144G-525	20.32													
					xvi	Bifacial Mono c-Si PERC Module (Glass to Glass)	FSP-M10.144G-540 (540 Wp)	FSP-M10.144G-520	20.13													
								FSP-M10.132G-505	21.28													
								FSP-M10.132G-500	21.07													
								FSP-M10.132G-495	20.86													
								FSP-M10.132G-490	20.64													
								FSP-M10.132G-485	20.43													
								FSP-M10.132G-480	20.22													
								FSP-M10.120G-460	21.26													
								FSP-M10.120G-455	21.03													
					xvii	Bifacial Mono c-Si PERC Module (Glass to Glass)	FSP-M10.132G-490 (490 Wp)	FSP-M10.120G-450	20.80													
								FSP-M10.120G-445	20.57													
								FSP-M10.120G-440	20.34													
								FSP-M10.120G-435	20.10													
								FSP-M10.120G-430	19.87													
								FSP-M10.108G-415	21.24													
								FSP-M10.108G-410	20.98													
								FSP-M10.108G-405	20.73													
								FSP-M10.108G-400	20.47													
					xviii	Bifacial Mono c-Si PERC Module (Glass to Glass)	FSP-M10.120G-445 (445 Wp)	FSP-M10.108G-395	20.22													
								FSP-M10.108G-390	19.96													
								HEXN156N630	22.55													
								HEXN156N625	22.37													
								HEXN156N620	22.19													
								HEXN156N615	22.01													
								HEXN156N610	21.83													
								HEXN156N605	21.65													
								HEXN156N600	21.47													
					xix	Bifacial Mono c-Si PERC Module (Glass to Glass)	FSP-M10.108G-405 (405 Wp)															
					81	M/s. Hexatron Industries Limited	Survey No. 575, 576, 577 & 578 Village Tenpur, Taluka Bayad, Aravalli - 383325, Gujarat, India	R-72010715	203					i	N Type TOPCon Module (Glass to Transparent Backsheet)	HEXN156N615 (615 Wp)			156 (Half Cut Cells)	1500	28.10.2024	27.10.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					i	Bifacial Mono c- Si PERC Modules (Glass to Glass)	Bi-55-535 (535 Wp)	Bi-55-530	20.59	144(Half Cut Cells) (Cell Size 182*182)	1500	06.01.2025	05.01.2029
								Bi-55-535	20.78				
								Bi-55-540	20.98				
								Bi-55-545	21.17				
								Bi-55-550	21.37				
					ii	Bifacial N-type TOPCon Modules (Glass to Glass)	BiN-08-575 (575 Wp)	BiN-08-560	21.68	144 (Half Cut Cells) (Cell Size 182*182)	1500		
								BiN-08-565	21.87				
								BiN-08-570	22.06				
								BiN-08-575	22.26				
								BiN-08-580	22.45				
								BiN-08-585	22.64				
								BiN-08-590	22.84				
								BiN-08-595	23.03				
					iii	Bifacial N-type TOPCon Modules (Glass to Glass)	BiN-03-695 (695 Wp)	BiN-08-600	23.22	132 (Half Cut Cells) (Cell Size 210*210)	1500		
								BiN-03-680	21.89				
								BiN-03-685	22.05				
								BiN-03-690	22.21				
								BiN-03-695	22.37				
83	M/s.Visaka Industries Limited (ATUM Division)	Survey No. 95&96, Adjacent to Kukkadam Railway Station, Kukkadam Post, Gajalapur, Madugulapally, Nalgonda-508207,	R-63000795	16	i	Mono c-Si PERC Module (Cell Size 182*182)	VIL-550M (550Wp)	VIL-550M	21.29	144 (Half Cut Cells)	1500	06.01.2025	05.01.2029
					ii	Mono c-Si PERC Module (Cell Size 182*182)	VIL-550AM (550Wp)	VIL-550AM	20.31	144 (Half Cut Cells)	1500		
84	M/s. BVG India Limited	Plot No. 6, Sector Ecotech 8, Gautam Budha Nagar, Greater Noida - 201310, Uttar Pradesh, India	R-93032417	367	i	Mono c-Si PERC Module	BVGM10144-540 (540 Wp)	BVGM10144-550 BVGM10144-545 BVGM10144-540 BVGM10144-535 BVGM10144-530 BVGM10144-525	21.29 21.10 20.90 20.71 20.52 20.32	144 (Half Cut Cells)	1500	23.01.2025	22.01.2029
85	M/s KLK Ventures Pvt. Ltd.	A52, Sector 58, Gautam Budha Nagar, Noida, Uttar Pradesh, India- 201301	R-93024279	33	i	Mono c-Si PERC Module	KLK525W (525 Wp)	KLK500W	19.35	144 (Half Cut Cells)	1500	23.01.2025	22.01.2029
								KLK505W	19.54				
								KLK510W	19.73				
								KLK515W	19.93				
								KLK520W	20.12				
								KLK525W	20.31				
								KLK530W	20.51				
								KLK535W	20.70				
								KLK540W	20.89				
					ii	Mono c-Si PERC Module	KLK575W (575 Wp)	KLK545W	21.09	156(Half Cut Cells)	1500		
								KLK550W	21.28				
								KLK555W	19.85				
								KLK560W	20.03				
								KLK565W	20.21				
								KLK570W	20.39				
								KLK575W	20.57				
								KLK580W	20.75				
								KLK585W	20.93				
86	M/s SAN Energy and Solution	Plot No. 356, San Energy Solution, Near Giridharia Mod, Sheosagar, NH2, Sasaram, Rohtas- 821111, Bihar, India	R-53000221	27	i	Mono c-Si PERC Modules	SGS45WP (545 Wp)	SGS35WIP	20.69	144 (Half Cut Cells)	1500	23.01.2025	22.01.2029
								SGS40WIP	20.88				
87	M/s. Easy Photo Voltech Pvt. Ltd.	Khasra no 98 Sikhera road industrial Area Modinagar Ghaziabad 210206, Uttar Pradesh, India	R-93023272	81	i	Mono c-Si PERC Module	JSD-24575 (575Wp)	JSD-24555	19.85	156 (Half Cut Cells)	1500	17.02.2025	16.02.2029
								JSD-24560	20.03				
								JSD-24565	20.21				
								JSD-24570	20.39				
								JSD-24575	20.57				
								JSD-24580	20.74				
								JSD-24585	20.92				
								JSD-24590	21.10				
								JSD-24595	21.28				
								JSD-24550	21.29				
								JSD-24545	21.10				
								JSD-24540	20.90				
JSD-24535	20.71												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity								
												From	To (subject to valid BIS Registration; else deemed to be delisted)							
					ii	Mono c-Si PERC Module	JSD-24525 (525Wp)	JSD-24530	20.52	144 (Half Cut Cells)	1500	17.02.2025	16.02.2029							
								JSD-24525	20.32											
								JSD-24520	20.13											
								JSD-24515	19.94											
								JSD-24510	19.74											
								JSD-24505	19.55											
					iii	Mono c-Si PERC Module	JSD-24480 (480Wp)	JSD-24500	19.36	132 (Half Cut Cells)	1500	17.02.2025	16.02.2029							
								JSDA-24500	21.06											
								JSD-24495	20.85											
								JSD-24490	20.64											
								JSD-24485	20.42											
								JSD-24480	20.21											
								JSD-24475	20.00											
								JSD-24470	19.79											
								JSD-24465	19.58											
								JSD-24460	19.37											
								JSD-24455	19.16											
								iv	Mono c-Si PERC Module					JSD-24440 (440Wp)	JSDA-24460	21.25	120 (Half Cut Cells)	1500	17.02.2025	16.02.2029
					JSDA-24455	21.02														
					JSD-24450	20.79														
					JSD-24445	20.56														
					JSD-24440	20.33														
					JSD-24435	20.09														
					v	Mono c-Si PERC Module	JSD-24415 (415Wp)	JSD-24430	19.86	120 (Half Cut Cells)	1500	17.02.2025	16.02.2029							
JSD-24425	19.63																			
JSD-24420	19.40																			
JSD-24415	19.17																			
JSD-24400	20.46																			
JSD-24395	20.20																			
vi	Mono c-Si PERC Module	JSD-24385 (390Wp)	JSD-24390	19.95	108 (Half Cut Cells)	1500	17.02.2025	16.02.2029												
			JSD-24385	19.69																
			JSD-24380	19.44																
			JSD-24375	19.18																
			ASP500D	21.31																
			ASP545D	21.12																
			ASP540D	20.92																
			ASP535D	20.73																
			ASP530D	20.53																
			ASP525D	20.34																
			ASP520D	20.15																
			ASP515D	19.95																
ASP510D	19.76																			
ASP505D	19.57																			
ASP500D	19.37																			
88	M/s. Akshaya Solar Power (India) Private Limited	Plot No G 1/A, TSIC General Park, Sultanpur, Ameenpur, Sangareddy, Hyderabad, Telangana- 502319, India	R-63000825	33	i	Mono c-Si PERC Module	ASP525D (525 Wp)	ASP500D-132	21.06	144 (Half Cut Cells)	1500	17.02.2025	16.02.2029							
								ASP495D-132	20.85											
								ASP490D-132	20.64											
								ASP485D-132	20.43											
								ASP480D-132	20.22											
								ASP475D-132	20.01											
					ii	Mono c-Si PERC Module	ASP500D-132 (500 Wp)	ASP470D-132	19.80	132 (Half Cut Cells)	1500	17.02.2025	16.02.2029							
								ASP465D-132	19.59											
								ASP460D-132	19.38											
								ASP455D-132	19.17											
								ASP450D-132	18.96											
								ASP450D-120	20.77											
								ASP445D-120	20.54											
								ASP440D-120	20.31											
								ASP435D-120	20.08											
								ASP430D-120	19.85											
								ASP425D-120	19.62											
								ASP420D-120	19.39											
					iii	Mono c-Si PERC Module	ASP470D-132 (470 Wp)	ASP415D-120	19.16	120 (Half Cut Cells)	1500	17.02.2025	16.02.2029							
								ASP410D-108	20.97											
								iv	Mono c-Si PERC Module					ASP430D-120 (430 Wp)	ASP410D-108	20.97	108 (Half Cut Cells)	1500	17.02.2025	16.02.2029
															ASP410D-108	20.97				
															ASP410D-108	20.97				
															ASP410D-108	20.97				
ASP410D-108	20.97																			
ASP410D-108	20.97																			
v	Mono c-Si PERC Module	ASP410D-108 (410 Wp)	ASP410D-108	20.97	108 (Half Cut Cells)	1500	17.02.2025	16.02.2029												
			ASP410D-108	20.97																
			ASP410D-108	20.97																
			ASP410D-108	20.97																
			ASP410D-108	20.97																
			ASP410D-108	20.97																

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vi	Mono c-Si PERC Module	ASP390D-108 (390 Wp)	ASP405D-108 20.71 ASP400D-108 20.45 ASP395D-108 20.20 ASP390D-108 19.94 ASP385D-108 19.69 ASP380D-108 19.43 ASP375D-108 19.18		120 (Half Cut Cells)	1500	17.02.2025	16.02.2029
89	M/s Asote Solutions Private Limited	346, Asot Solar, Anita, 346, Kim-Vadoli Road, Surat-394110,Gujarat	R-72011754	152	i	Bifacial N-Type TOPCon Module (Glass to Glass)	PMS100ASTC144GG565 (565Wp)	PMS100ASTC144GG590 22.84 PMS100ASTC144GG585 22.65 PMS100ASTC144GG580 22.45 PMS100ASTC144GG575 22.26 PMS100ASTC144GG570 22.07 PMS100ASTC144GG565 21.87 PMS100ASTC144GG560 21.68 PMS100ASTC144GG555 21.48 PMS100ASTC144GG550 21.29 PMS100ASTC144GG545 21.1 PMS100ASTC144GG540 20.9		144 (Half Cut Cells)	1500	27.03.2025	26.03.2029
					ii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	PMS100ASTC144GG565 (565Wp)	PMS100ASTC144GG590 22.84 PMS100ASTC144GG585 22.65 PMS100ASTC144GG580 22.45 PMS100ASTC144GG575 22.26 PMS100ASTC144GG570 22.07 PMS100ASTC144GG565 21.87 PMS100ASTC144GG560 21.68 PMS100ASTC144GG555 21.48 PMS100ASTC144GG550 21.29 PMS100ASTC144GG545 21.1 PMS100ASTC144GG540 20.9		144 (Half Cut Cells)	1500	27.03.2025	26.03.2029
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	PMS100ASTC144GG535 (535 Wp)	PMS100ASTC144GG535	20.71	144 (Half Cut Cells)	1500	27.03.2025	26.03.2029
					iv	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	PMS100ASTC144GG535 (535 Wp)	PMS100ASTC144GG535	20.71	144 (Half Cut Cells)	1500	27.03.2025	26.03.2029
90	M/s. MKU Holdings Private Limited	DTA-02, Plot NO. 16-17-20-21, Ajmer Road, Bagru Mahindra World City SEZ, Sanganer, Jaipur - 302039, Rajasthan, India	R-84005282	1183	i	Bifacial N-Type TOPCon Module (Glass to Glass)	ACM-HD144N-580 (580 Wp)	ACM-HD144N-590 22.84 ACM-HD144N-585 22.65 ACM-HD144N-580 22.45 ACM-HD144N-575 22.26 ACM-HD144N-570 22.07 ACM-HD120N-500 23.05 ACM-HD120N-495 22.82 ACM-HD120N-490 22.59 ACM-HD120N-485 22.36 ACM-HD120N-480 22.13 ACM-HD132N-550 23.13 ACM-HD132N-545 22.92 ACM-HD132N-540 22.71 ACM-HD132N-535 22.50 ACM-HD132N-530 22.29 ACM-HD132N-525 22.08 ACM-HD132N-520 21.87 ACM-HD108N-450 23.07 ACM-HD108N-445 22.81 ACM-HD108N-440 22.56 ACM-HD108N-435 22.30 ACM-HD108N-430 22.05 ACM-HD108N-425 21.79		144 (Half Cut Cells) (Cell Size: 182*183 mm)	1500	27.03.2025	26.03.2029
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	ACM-HD120N-490 (490 Wp)	ACM-HD120N-500 23.05 ACM-HD120N-495 22.82 ACM-HD120N-490 22.59 ACM-HD120N-485 22.36 ACM-HD120N-480 22.13 ACM-HD132N-550 23.13 ACM-HD132N-545 22.92 ACM-HD132N-540 22.71 ACM-HD132N-535 22.50 ACM-HD132N-530 22.29 ACM-HD132N-525 22.08 ACM-HD132N-520 21.87 ACM-HD108N-450 23.07 ACM-HD108N-445 22.81 ACM-HD108N-440 22.56 ACM-HD108N-435 22.30 ACM-HD108N-430 22.05 ACM-HD108N-425 21.79		120 (Half Cut Cells) (Cell Size: 182*183 mm)	1500	27.03.2025	26.03.2029
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	ACM-HD132N-535 (535 Wp)	ACM-HD132N-550 23.13 ACM-HD132N-545 22.92 ACM-HD132N-540 22.71 ACM-HD132N-535 22.50 ACM-HD132N-530 22.29 ACM-HD132N-525 22.08 ACM-HD132N-520 21.87 ACM-HD108N-450 23.07 ACM-HD108N-445 22.81 ACM-HD108N-440 22.56 ACM-HD108N-435 22.30 ACM-HD108N-430 22.05 ACM-HD108N-425 21.79		132 (Half Cut Cells) (Cell Size: 182*183 mm)	1500	27.03.2025	26.03.2029
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	ACM-HD108N-435 (435 Wp)	ACM-HD108N-450 23.07 ACM-HD108N-445 22.81 ACM-HD108N-440 22.56 ACM-HD108N-435 22.30 ACM-HD108N-430 22.05 ACM-HD108N-425 21.79		108 (Half Cut Cells) (Cell Size: 182*183 mm)	1500	27.03.2025	26.03.2029
91	M/s. Navitas Solar Private Limited	371,371/B,372, 373/A/B, 374/A/B, 334/A, 375, 377, Sisodra, Ankleshwar, Gujarat,394810, India	R-72011657	1100	i	Bifacial N-Type TOPCon Module	NSG-BFT156-M10-630 (630 Wp)	NSG-BFT156-M10-600 21.49 NSG-BFT156-M10-605 21.67 NSG-BFT156-M10-610 21.85 NSG-BFT156-M10-615 22.03 NSG-BFT156-M10-620 22.21 NSG-BFT156-M10-625 22.39 NSG-BFT156-M10-630 22.57		156 (Half Cut Cell)	1500	27.03.2025	26.03.2029

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						(Glass to Glass)	(555 Wp)	NSG-BFT156-M10-635	22.74				
								NSG-BFT156-M10-640	22.92				
								NSG-BFT156-M10-645	23.10				
								NSG-BFT156-M10-650	23.28				
								NSG-BFT156-M10-655	23.46				
								NSG-BFT156-M10-660	23.64				
					ii	Bifacial N- Type TOPCon Module (Glass to Glass)	NSG-BFT144-M10-555 (555 Wp)	NSG-BFT144-M10-545	21.10	144 (Half Cut Cell)	1500	27.03.2025	26.03.2029
							NSG-BFT144-M10-550	21.29					
							NSG-BFT144-M10-555	21.48					
							NSG-BFT144-M10-560	21.68					
							NSG-BFT144-M10-565	21.87					
							NSG-BFT144-M10-570	22.07					
							NSG-BFT144-M10-575	22.26					
							NSG-BFT144-M10-580	22.45					
							NSG-BFT144-M10-585	22.65					
				iii	Bifacial N- Type TOPCon Module (Glass to Glass)	NSG-BFT144-M10-590 (555 Wp)	NSG-BFT144-M10-590	22.84	144 (Half Cut Cell)	1500	27.03.2025	26.03.2029	
							NSG-BFT144-M10-595	23.03					
							NSG-BFT144-M10-600	23.23					
							NSG-BFT144-M10-605	23.42					
							NSG-BFT144-M10-610	23.61					
							NSG-BFT132-M10-500	21.06					
							NSG-BFT132-M10-505	21.27					
							NSG-BFT132-M10-510	21.48					
							NSG-BFT132-M10-515	21.69					
				iv	Bifacial N- Type TOPCon Module (Glass to Glass)	NSG-BFT132-M10-520 (520 Wp)	NSG-BFT132-M10-520	21.90	132 (Half Cut Cell)	1500	27.03.2025	26.03.2029	
							NSG-BFT132-M10-525	22.11					
							NSG-BFT132-M10-530	22.32					
							NSG-BFT132-M10-535	22.53					
							NSG-BFT132-M10-540	22.74					
							NSG-BFT120-M10-450	20.78					
							NSG-BFT120-M10-455	21.01					
							NSG-BFT120-M10-460	21.24					
							NSG-BFT120-M10-465	21.47					
				v	Bifacial N- Type TOPCon Module (Glass to Glass)	NSG-BFT120-M10-470 (470 Wp)	NSG-BFT120-M10-470	21.70	120 (Half Cut Cell)	1500	27.03.2025	26.03.2029	
							NSG-BFT120-M10-475	21.93					
							NSG-BFT120-M10-480	22.16					
							NSG-BFT120-M10-485	22.39					
							NSG-BFT120-M10-490	22.62					
							NSG-BFT108-M10-405	20.69					
							NSG-BFT108-M10-410	20.95					
							NSG-BFT108-M10-415	21.20					
							NSG-BFT108-M10-420	21.46					
				vi	Bifacial N- Type TOPCon Module (Glass to Glass)	NSG-BFT108-M10-425 (425 Wp)	NSG-BFT108-M10-425	21.71	108 (Half Cut Cell)	1500	27.03.2025	26.03.2029	
							NSG-BFT108-M10-430	21.97					
							NSG-BFT108-M10-435	22.22					
							NSG-BFT108-M10-440	22.48					
							NSG-BFT96-M10-360	20.59					
							NSG-BFT96-M10-365	20.87					
							NSG-BFT96-M10-370	21.16					
							NSG-BFT96-M10-375	21.45					
							NSG-BFT96-M10-380	21.73					
				vii	Bifacial N- Type TOPCon Module (Glass to Glass)	NSG-BFT96-M10-375 (375 Wp)	NSG-BFT96-M10-385	22.02	96 (Half Cut Cell)	1500	27.03.2025	26.03.2029	
							NSG-BFT96-M10-390	22.30					
							NSG-BFT84-M10-315	20.45					
							NSG-BFT84-M10-320	20.78					
							NSG-BFT84-M10-325	21.10					
							NSG-BFT84-M10-330	21.43					
							NSG-BFT84-M10-335	21.75					
							NSG-BFT84-M10-340	22.08					
							NSG-BFT72-M10-270	20.28					
				ix	Bifacial N- Type TOPCon Module (Glass to Glass)	NSG-BFT72-M10-285 (285 Wp)	NSG-BFT72-M10-275	20.66	72 (Half Cut Cell)	1500	27.03.2025	26.03.2029	
							NSG-BFT72-M10-280	21.03					
							NSG-BFT72-M10-285	21.41					
							NSG-BFT72-M10-290	21.78					
							NSG-BFT72-M10-290	21.78					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					x	Bifacial Mono c-Si PERC Module (Glass to Glass)	NSG-BFPR156-M10-585 (585 Wp)	NSG-BFPR156-M10-560 NSG-BFPR156-M10-565 NSG-BFPR156-M10-570 NSG-BFPR156-M10-575 NSG-BFPR156-M10-580 NSG-BFPR156-M10-585 NSG-BFPR156-M10-590 NSG-BFPR156-M10-595 NSG-BFPR156-M10-600 NSG-BFPR144-M10-525 NSG-BFPR144-M10-530 NSG-BFPR144-M10-535 NSG-BFPR144-M10-540 NSG-BFPR144-M10-545 NSG-BFPR144-M10-550 NSG-BFPR144-M10-555 NSG-BFPR132-M10-475 NSG-BFPR132-M10-480 NSG-BFPR132-M10-485 NSG-BFPR132-M10-490 NSG-BFPR132-M10-495 NSG-BFPR132-M10-500 NSG-BFPR132-M10-505 NSG-BFPR120-M10-435 NSG-BFPR120-M10-440 NSG-BFPR120-M10-445 NSG-BFPR120-M10-450	20.03 20.21 20.39 20.57 20.75 20.93 21.11 21.29 21.46 20.32 20.52 20.71 20.90 21.10 21.29 21.48 20.00 20.21 20.42 20.64 20.85 21.06 21.27 20.08 20.31 20.55 20.78	156 (Half Cut Cell)	1500	27.03.2025	26.03.2029
					xi	Bifacial Mono c-Si PERC Module (Glass to Glass)	NSG-BFPR144-M10-540 (540 Wp)	NSG-BFPR144-M10-530 NSG-BFPR144-M10-535 NSG-BFPR144-M10-540 NSG-BFPR144-M10-545 NSG-BFPR144-M10-550 NSG-BFPR144-M10-555	20.52 20.71 20.90 21.10 21.29 21.48	144 (Half Cut Cell)	1500	27.03.2025	26.03.2029
					xii	Bifacial Mono PERC C-Si Module (Glass to Glass)	NSG-BFPR132-M10-490 (490 Wp)	NSG-BFPR132-M10-475 NSG-BFPR132-M10-480 NSG-BFPR132-M10-485 NSG-BFPR132-M10-490 NSG-BFPR132-M10-495 NSG-BFPR132-M10-500 NSG-BFPR132-M10-505	20.00 20.21 20.42 20.64 20.85 21.06 21.27	132 (Half Cut Cell)	1500	27.03.2025	26.03.2029
					xiii	Bifacial Mono c-Si PERC Module (Glass to Glass)	NSG-BFPR120-M10-445 (445 Wp)	NSG-BFPR120-M10-435 NSG-BFPR120-M10-440 NSG-BFPR120-M10-445 NSG-BFPR120-M10-450	20.08 20.31 20.55 20.78	120 (Half Cut Cell)	1500	27.03.2025	26.03.2029
92	M/s. Goldi Sun Private Limited	Unit no 6 , Block No. 341, Prime Industrial and Logistic Hub, NR. P.P Savani University, NH-48, Gram Panchayat, Dhamdod - 394125, Surat, Gujarat, India	R-72012467	1474	i	Bifacial N-Type TOPCon Module (Glass to Glass)	GS10-T144-GF-575 (575 Wp)	GS10-T144-GF-595 GS10-T144-GF-590 GS10-T144-GF-585 GS10-T144-GF-580 GS10-T144-GF-575 GS10-T144-GF-570 GS10-T144-GF-565 GS10-T144-GF-560 GS10-T144-GF-555 GS10-T132-GF-550 GS10-T132-GF-545 GS10-T132-GF-540 GS10-T132-GF-535 GS10-T132-GF-530 GS10-T132-GF-525 GS10-T132-GF-520 GS10-T132-GF-515 GS10-T120-GF-500 GS10-T120-GF-495 GS10-T120-GF-490 GS10-T120-GF-485 GS10-T120-GF-480 GS10-T120-GF-475 GS10-T120-GF-470 GS10-T120-GF-465 GS10-T108-GF-450 GS10-T108-GF-445 GS10-T108-GF-440 GS10-T108-GF-435 GS10-T108-GF-430 GS10-T108-GF-425 GS10-T108-GF-420 GS10-T108-GF-415	23.03 22.84 22.65 22.45 22.26 22.07 21.87 21.68 21.48 23.15 22.94 22.73 22.52 22.31 22.10 21.89 21.68 23.08 22.85 22.62 22.39 22.16 21.93 21.70 21.47 22.94 22.68 22.43 22.17 21.92 21.66 21.41 21.15	144 (Half Cut Cell)	1500	27.03.2025	26.03.2029
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	GS10-T144-GF-535 (535 Wp)	GS10-T132-GF-550 GS10-T132-GF-545 GS10-T132-GF-540 GS10-T132-GF-535 GS10-T132-GF-530 GS10-T132-GF-525 GS10-T132-GF-520 GS10-T132-GF-515 GS10-T120-GF-500 GS10-T120-GF-495 GS10-T120-GF-490 GS10-T120-GF-485 GS10-T120-GF-480 GS10-T120-GF-475 GS10-T120-GF-470 GS10-T120-GF-465 GS10-T108-GF-450 GS10-T108-GF-445 GS10-T108-GF-440 GS10-T108-GF-435 GS10-T108-GF-430 GS10-T108-GF-425 GS10-T108-GF-420 GS10-T108-GF-415	23.15 22.94 22.73 22.52 22.31 22.10 21.89 21.68 23.08 22.85 22.62 22.39 22.16 21.93 21.70 21.47 22.94 22.68 22.43 22.17 21.92 21.66 21.41 21.15	132 (Half Cut Cell)	1500	27.03.2025	26.03.2029
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	GS10-T120-GF-480 (480 Wp)	GS10-T120-GF-495 GS10-T120-GF-490 GS10-T120-GF-485 GS10-T120-GF-480 GS10-T120-GF-475 GS10-T120-GF-470 GS10-T120-GF-465 GS10-T108-GF-450 GS10-T108-GF-445 GS10-T108-GF-440 GS10-T108-GF-435 GS10-T108-GF-430 GS10-T108-GF-425 GS10-T108-GF-420 GS10-T108-GF-415	22.85 22.62 22.39 22.16 21.93 21.70 21.47 22.94 22.68 22.43 22.17 21.92 21.66 21.41 21.15	120 (Half Cut Cell)	1500	27.03.2025	26.03.2029
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	GS10-T108-GF-450 (450 Wp)	GS10-T108-GF-465 GS10-T108-GF-460 GS10-T108-GF-455 GS10-T108-GF-450 GS10-T108-GF-445 GS10-T108-GF-440 GS10-T108-GF-435 GS10-T108-GF-430 GS10-T108-GF-425 GS10-T108-GF-420 GS10-T108-GF-415	22.94 22.68 22.43 22.17 21.92 21.66 21.41 21.15	108 (Half Cut Cell)	1500	27.03.2025	26.03.2029
93	M/s. Axitec Energy India Pvt Ltd	Survey No.: 257/5, 257/6, Thandalam-Arakkonam Road, Sathari Village, Kadambthur, Tiruvallur Taluk - 631203, Tamil Nadu, India	R-61005258	18	i	Mono c-Si PERC Module	AC-580MH/156V	AC-595MH/156V AC-590MH/156V AC-585MH/156V AC-580MH/156V	20.03 20.21 20.39 20.57	156 (Half Cut Cells)	1500	27.03.2025	26.03.2029

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					i	Mono c-Si PERC Module	(580 Wp)	AC-575MH/156V AC-570MH/156V AC-565MH/156V AC-560MH/156V	20.75 20.93 21.11 21.29	120 (Half Cut Cells)	1500	27.03.2025	26.03.2029
					ii	Mono c-Si PERC Module	AC-525MH/144V (525 Wp)	AC-550MH/144V AC-545MH/144V AC-540MH/144V AC-535MH/144V AC-530MH/144V AC-525MH/144V AC-520MH/144V AC-515MH/144V AC-510MH/144V AC-505MH/144V AC-500MH/144V	21.30 21.11 20.91 20.72 20.53 20.33 20.14 19.94 19.75 19.56 19.36	144 (Half Cut Cells)	1500	27.03.2025	26.03.2029
					iii	Mono c-Si PERC Module	AC-495MH/132V (495 Wp)	AC-500MH/132V AC-495MH/132V AC-490MH/132V	20.95 20.74 20.53	132 (Half Cut Cells)	1500	27.03.2025	26.03.2029
					iv	Mono c-Si PERC Module	AC-450MH/120V (450 Wp)	AC-455MH/120V AC-450MH/120V AC-445MH/120V	20.99 20.75 20.52	120 (Half Cut Cells)	1500	27.03.2025	26.03.2029
					v	Mono c-Si PERC Module	AC-405MH/108V (405 Wp)	AC-410MH/108V AC-405MH/108V AC-400MH/108V	20.85 20.60 20.34	108 (Half Cut Cells)	1500	27.03.2025	26.03.2029