

**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: 7<sup>th</sup> 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](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 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)



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				
								PSN_GB585	22.65				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GB570 (570 Wp)	PSN_GB580	22.45	144 (Half Cut Cells)	1500		
								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				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GRC600 (600 Wp)	PSN_GRC625	23.14	132 (Half Cut Cells)	1500		
								PSN_GRC620	22.95				
								PSN_GRC615	22.77				
PSN_GRC610	22.58												
PSN_GRC605	22.40												
PSN_GRC600	22.21												
PSN_GRC595	22.03												
PSN_GRC590	21.84												
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	23.61	156 (Half Cut Cells)	1500	16.11.2023	15.11.2027
								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)	SI560TCBI-NT144	21.68	132 (Half Cut Cells)	1500							
			SI555TCBI-NT132	23.37									
			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)							
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											
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	WE470W (470 Wp)	WE545W	22.96	120 (Half Cut Cells)	1500									
								WE450W	20.79											
								WE460W	21.26											
								WE470W	21.72											
								WE480W	22.18											
								WE490W	22.64											
					5	M/s. Pahar Solar Private Limited (Model Addition & Capacity Change)	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	264	i	Bifacial N-Type TOPCon Module (Glass to Glass)			PSN_GA625 (625 Wp)	PSN_GA595	21.19	156 (Half Cut Cells)	1500	10.11.2023	09.11.2027
															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 (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, Infovally 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	19.41 19.64 19.87	120 (Half Cut Cells)	1500		
					iii	Bifacial Mono c-Si PERC Module (Glass to Glass)	ISBD1M10BN1445 (445 Wp)	ISBD1M10BN1435 ISBD1M10BN1440 ISBD1M10BN1445 ISBD1M10BN1450 ISBD1M10BN1455	20.10 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		
												From	To (subject to valid BIS Registration; else deemed to be delisted)	
					xvi	Mono c-Si PERC Modules	NOVA520MP144 (320 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	
ii	Mono c-Si PERC Modules	PS_500 (500Wp)	PS_545	21.09										
			PS_540	20.9										
			PS_535	20.71										
			PS_530	20.51										
			PS_525	20.32										
			PS_500	19.35										
			PS_495	19.16										
			iii	Mono c-Si PERC Modules				PS_445 (445Wp)	PS_445					20.37
									PS_440					20.14
									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)					
					xvi	Modules	(480Wp)	PSN_480	22.18	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
								PSN_485	22.41									
								PSN_490	22.64									
								PSN_495	22.87									
					xvii	Bifacial N-type TOPCon Modules	PSN_520 (520Wp)	PSN_500	21.07	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
								PSN_505	21.28									
								PSN_510	21.49									
								PSN_515	21.70									
								PSN_520	21.91									
								PSN_525	22.13									
					xviii	Bifacial N-type TOPCon Modules	PSN_560 (560Wp)	PSN_530	22.34	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
								PSN_535	20.71									
								PSN_540	20.90									
								PSN_545	21.09									
								PSN_550	21.29									
								PSN_555	21.48									
								PSN_560	21.67									
								PSN_565	21.87									
								PSN_570	22.06									
								PSN_575	22.25									
					xix	Bifacial N-type TOPCon Modules	PSN_610 (610Wp)	PSN_580	22.45	156 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
								PSN_585	20.91									
								PSN_590	21.09									
								PSN_595	21.27									
								PSN_600	21.45									
								PSN_605	21.63									
								PSN_610	21.81									
								PSN_615	21.99									
								PSN_620	22.17									
								PSN_625	22.34									
								PSN_630	22.52									
								11	M/s Pixon Green Energy Pvt. Ltd.					R.S. No. 157/1, 158/1, 158/2, 165/1, 166 of Khijadiya Nana, R.S. No. 15/1 of Depaliya, Padadhari, Rajkot Gujarat-360110	R-72004570	745	i	Mono c-Si PERC Modules
					PIX MP3 72 385	19.4												
					PIX MP3 72 390	19.65												
					PIX MP3 72 395	19.9												
					PIX MP3 72 400	20.15												
PIX MPH 132 625	19.93																	
ii	Mono c-Si PERC Module	PIX MPH 132 645 (645Wp)	PIX MPH 132 630	20.09	132 (Half cut cells)	1500	10.11.2023			09.11.2027								
			PIX MPH 132 635	20.25														
			PIX MPH 132 640	20.41														
			PIX MPH 132 645	20.57														
			PIX MPH 132 650	20.72														
			PIX MPH 132 655	20.88														
			PIX MPH 132 660	21.04														
			PIX MBHTB 132 625	19.93														
iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 132 645 (645Wp)	PIX MBHTB 132 630	20.09	132 (Half cut cells)	1500	10.11.2023			09.11.2027								
			PIX MBHTB 132 635	20.25														
			PIX MBHTB 132 640	20.41														
			PIX MBHTB 132 645	20.57														
			PIX MBHTB 132 650	20.72														
			PIX MBHTB 132 655	20.88														
			PIX MBHTB 132 660	21.04														
			PIX MPH 120 570	19.94														
iv	Mono c-Si PERC Module	PIX MPH 120 600 (600Wp)	PIX MPH 120 575	20.11	120 (Half Cut Cells)	1500	10.11.2023			09.11.2027								
			PIX MPH 120 580	20.29														
			PIX MPH 120 585	20.46														
			PIX MPH 120 590	20.64														
			PIX MPH 120 595	20.81														
			PIX MPH 120 600	20.99														
			PIX MBHTB 120 570	19.94														
			PIX MBHTB 120 575	20.11														
			PIX MBHTB 120 580	20.29														
				Bifacial Mono c-Si PERC Module							PIX MBHTB 120 600	PIX MBHTB 120 570	19.94					
PIX MBHTB 120 575	20.11																	