

F. No. 283/51/2025-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: 24th November, 2025

OFFICE MEMORANDUM

Sub: Publishing 2nd Revision of ALMM (Approved List of Models & Manufacturers) LIST-II (for Solar PV Cells) – Reg.

Ref:

- i. MNRE's O.M. No. 283/54/2018-GRID SOLAR dated 02.01.2019, regarding ALMM Order and subsequent amendments and clarifications thereto;
- ii. MNRE's O.M. No. 283/54/2018-GRID SOLAR dated 28.03.2019, regarding Guidelines for enlistment under ALMM and subsequent amendments and clarifications thereto;
- iii. MNRE's O.M. No. 283/59/2024-GRID SOLAR/Pt dated 09.12.2024 regarding amendment to ALMM order, for implementation of ALMM for Solar PV Cells
- iv. Amendment dated 28.07.2025 to O.M. dated 09.12.2024 referred above

1. In accordance with above referred O.M.s, Ministry of New & Renewable Energy (MNRE) vide its O.M. of even no. dated 31.07.2025, issued ALMM List-II for Solar PV Cells. Now, MNRE, hereby issues the Second Revision of the ALMM List-II for Solar PV Cells, which is at Annexure-I.
2. 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

New additions on 24/11/2025 in ALMM List-II for Solar PV Cells									
S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted Capacity (MWs / Year)	Type of Solar Cell	Enlisted Models	Average Solar Cell Efficiency (%) and Wattage (Wp)	Range of Efficiency (%) and Wattage (Wp) [#] [Min-Max]	Validity	
								From	To
1	M/s Websol Energy System Limited	Sector - II, Falta Special Economic Zone, Falta, 24 Parganas (South), Pin - 743504, West Bengal, India	602	Mono Crystalline PERC (Bifacial), P-Type Bifacial: Dimension - 182.2mm×182.2mm, 182.2mm×183.75mm, 1 OBB, PID Free ^{##}	WS182MP10 (WS182MP10R)	23.16%	19.00% to 23.60 %	24.11.2025	23.11.2029
						7.66W	6.29W to 7.88W		

Solar Cell Efficiency and Wattage range are as claimed by manufacturer

PID is as claimed by manufacturer.

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ग्रिड और ऊर्जा विभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003
Dated: 23rd September 2025

OFFICE MEMORANDUM

Sub: Publishing 1st Revision of ALMM (Approved List of Models & manufacturers) LIST-II (for Solar PV Cells) – Reg.

Ref:

- i. MNRE's O.M. No. 283/54/2018-GRID SOLAR dated 02.01.2019, regarding ALMM Order and subsequent amendments and clarifications thereto;
- ii. MNRE's O.M. No. 283/54/2018-GRID SOLAR dated 28.03.2019, regarding Guidelines for enlistment under ALMM and subsequent amendments and clarifications thereto;
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- iv. Amendment dated 28.07.2025 to O.M. dated 09.12.2024 referred above

1. In accordance with above referred O.M.s, Ministry of New & Renewable Energy (MNRE) vide its O.M. of even no. dated 31.07.2025, issued ALMM List-II for Solar PV Cells. Now, MNRE, hereby issues the First Revision of the ALMM List-II for Solar PV Cells, which is at Annexure-I.

2. This issues with the approval of competent authority.



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New additions on 23/09/2025 in ALMM List-II for Solar PV Cells

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted Capacity (MWs / Year)	Type of Solar Cell	Enlisted Models	Average Solar Cell Efficiency (%) and Wattage (Wp)	Range of Efficiency (%) and Wattage (Wp) [#] [Min-Max]	Validity	
								From	To
1	M/s. TP Solar Ltd.	Plot No. A109, Near Eicot Road, TP Solar Ltd., Sipcot Road and OSR Park Gangaikondan Road, Sipcot Industrial Park, Gangaikondan Industrial Park, Tirunelveli, Tamil Nadu -627352, India	4480	Mono Crystalline PERC Bifacial Solar cell, (182.2 mm x 182.2 mm, 10 bus bar, PID free##)	TPSLM10PM10B	23.25%	22.00 % to 23.70 %	23.09.2025	22.09.2029
						7.69 W	7.27 W to 7.84 W		
			53	Mono Crystalline TOPCon Bifacial Solar cell, (182.2 mm x 182.2 mm, 10 bus bar, PID free##)	182.2-247-10BB-160F-TOPCon	23.30%	22.50 % to 25.50 %		
						7.71 W	7.44 W to 8.43 W		
2	M/s Tata Power Renewable Energy Limited	Sy No. 43P and 44(P), Electronic City, 2nd Stage, Consisting Hosur Road, Bangalore – 560100, Karnataka, India	280	Bifacial Mono c-Si PERC Cells (182mm x 182 mm, 10 Busbar, PID Free##)	TPSM10MPE10B	22.89%	[20% to 23.5 %]	23.09.2025	22.09.2029
						7.54 W	[6.6W to 7.75 W]		

Solar Cell Efficiency and Wattage range are as claimed by manufacturer

PID is as claimed by manufacturer.