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:6th November 2026

OFFICE MEMORANDUM

Sub: Publishing 14th 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 and subsequent amendments and clarifications thereto;

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. Subsequently, revisions to the said list have been issued from time to time. Now, MNRE, hereby issues the **Fourteenth 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)
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

Annexure-I
Revision-14

New addition on 06.11.2026 in the List of Manufacturers and Models of Solar PV Cells Enlisted under ALMM Order									
S. No.	**Name of 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 Reliance Industries Limited** **(Capacity Addition)**	New Energy Complex AT Navagam/ Kana Chhikari via Khodiyar Colony, PO Jamnagar, Gujarat - 361006, India	3369	HJT Solar Cell, 210 mm × 105 mm, No bus bar, PID free##	HJNxx	25.57% 5.64 W	23.80% to 26.20% 5.28 W to 5.79 W	13.04.2026	12.04.2030

Solar Cell Efficiency and Wattage range are as claimed by manufacturer

PID is as claimed by manufacturer.

**Note: Unless explicitly stated otherwise, 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. 283/51/2025-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: 28th October 2026

OFFICE MEMORANDUM

Sub: Publishing 13th 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 and subsequent amendments and clarifications thereto;

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. Subsequently, revisions to the said list have been issued from time to time. Now, MNRE, hereby issues the **Thirteenth 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)
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

Annexure-I
Revision-13

New additions on 28/10/2026 in the List of Manufacturers and Models of Solar PV Cells Enlisted under ALMM Order

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 Grew Energy Private Limited (New Addition)	Plot No P-20 Industrial area, Mohasa - Babai , Narmadapuram, Madhya Pradesh - 461990	2407	Bifacial Mono-c-Si Topcon Solar Cell, G12R (182.3mm x 210mm±0.5mm, 16 bus bar, PID Free##)	GE_N TYPE_TOPCON 16BB	25.52% 9.76 W	24.10 % to 26.20 % 9.12 W to 10.02 W	28.10.2026	27.10.2030
2	M/s. Ampin Solar One Private Limited (New Addition)	IDCO PLOT NO. S4-E1-01, S4-E1-02,S4-E1-03 AND S4-E1-03/B, EMC PARK, INFO VALLEY-II, HARAPUR, BHUBANESWAR, TEHSIL-JATANI, KHORDHA, ORISSA, 752054	1160	Bifacial Mono PERC Solar Cell, (182.2mm × 183.75mm, 10 bus bar, PID Free##)	FFFMPM10R10ASO	23.70% 7.93 W	20.50 % to 23.80 % 7.36 W to 7.97 W	28.10.2026	27.10.2030
3	M/s Avaada Electro Limited (Capacity Addition)	A-67, MIDC Road, Additional Butibori Industrial Area, Nagpur, Maharashtra, 441108	7117	N-type TOPCon HalfCut, G12R, (105mm±0.5mm x 182.3mm±0.5mm, 16 bus bar, PID Free##)	N-G12R-16B-HC-AVA	25.83% 4.94 W	24.50 % to 26.80 % 4.69 W to 5.12 W	22.07.2026	21.07.2030
				N-type TOPCon Full-Cell, G12R, (210mm±0.5mm x 182.3mm±0.5mm, 16 bus bar, PID Free##)	N-G12R-16B-FC-AVA	25.86% 9.90 W	24.50 % to 26.80 % 9.38 W to 10.24 W		
				N-type TOPCon Half-Cut, G12 (210 mm ± 0.25 mm x 105 mm ±0.125mm, 18 bus bar, PID Free##)	N-G12-18BB-HC-AVA	25.86% 5.71W	24.50 % to 26.80 % 5.40 W to 5.91 W		
				N-type TOPCon Full-Cell, G12 (210 mm ± 0.25 mm x 210 mm ±0.125mm, 18 bus bar, PID Free##)	N-G12-18BB-FC-AVA	25.89% 11.42 W	24.50 % to 26.80 % 10.80 W to 11.81 W		

 # Solar Cell Efficiency and Wattage range are as claimed by manufacturer
PID is as claimed by manufacturer.

***Note: Unless explicitly stated otherwise, 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. 283/51/2025-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: 8th October 2026

OFFICE MEMORANDUM

Sub: Publishing 12th 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 and subsequent amendments and clarifications thereto;

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. Subsequently, revisions to the said list have been issued from time to time. Now, MNRE, hereby issues the **Twelfth 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)
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

Annexure-I
Revision-12

B. New addition on 08.10.2026 in the List of Manufacturers and Models of Solar PV Cells Enlisted under ALMM Order									
S. No.	**Name of 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. Gopin Semicon Private Limited** **(New Addition)**	Plot No. AA01, Gopin Industrail Park, Beside Milano Farm, Segva, Kamrej, Surat, Gujarat - India - 394325	402	N-type TOPCon Solar Cell, G12R (210 mm × 182.2 mm ± 0.25 mm, 16 Busbar, PID Free##)	GSPL_G12R	25.57% 9.78 W	24.60% to 25.70% 9.41 W to 9.82 W	08.10.2026	07.10.2030

Solar Cell Efficiency and Wattage range are as claimed by manufacturer

PID is as claimed by manufacturer.

**Note: Unless explicitly stated otherwise, 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)*

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: 05th October, 2026

OFFICE MEMORANDUM

Sub: Publishing 11th Revision of ALMM (Approved List of Models & Manufacturers) LIST-II (for Solar PV Cells) – Reg.

Ref:

1. MNRE's O.M. No. 283/54/2018-GRID SOLAR dated 02.01.2019, regarding ALMM Order and subsequent amendments and clarifications thereto;
2. 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;
3. 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 and subsequent amendments and clarifications thereto;

In accordance with the 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. Subsequently, revisions to the said List have been issued from time to time. Now, MNRE hereby issues **the Eleventh 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)
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.

Annexure-I
Revision-11

A. Amendments / Updation in previous list of ALMM List-II

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted Capacity (MWs / Year)	Enlisted Type of Solar Cell	Previously Listed Range of Efficiency (%) [Min-Max]	Previously Listed Range of Wattage (Wp) [Min-Max]	Revised Range of Efficiency (%) / Wattage (Wp) [Min-Max]
1	M/s. Renewsys India Pvt. Ltd.	Sy. No. 114/P, Srinagar (V), Fabcity, Maheswaram (M), Ranga Reddy District, Telangana, India - 501359	552	Bifacial N-Type TOPCon Solar Cells, 182.2 mm × 183.75 mm, 16 BB, PID free	24.00 % to 25.60 %	8.03 W to 8.54 W	**20.50 % to 25.80 %** **6.85 W to 8.62 W**

Annexure-I
Revision-11

B. New additions on 05/10/2026 in the List of Manufacturers and Models of Solar PV Cells Enlisted under ALMM Order									
S. No.	**Name of 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. Premier Energies Photovoltaic Private Limited** **(Capacity Addition)**	**Plot No. 8/B/1 & 2, Survey No. 62 (P), 63 (P) & 88 (P), (Fab City), Raviryal, Maheshwaram (M), Ranga Reddy District – 501359, Telangana, India**	**1280**	Bifacial Mono c-Si PERC Cells, (182.2 mm × 183.75 mm, 10 Busbar, PID Free##)	PEPPL_PIRANHA_PTYPE_M10_BI-FACIAL	23.53% 7.83 W	20.50% to 24.40% 6.84 W to 8.14 W	31.07.2025	30.07.2029

Solar Cell Efficiency and Wattage range are as claimed by manufacturer

PID is as claimed by manufacturer.

**Note: Unless explicitly stated otherwise, 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)*

*** This capacity (Mono-PERC) is in addition to the TOPCon Capacity (1358) of M/s Premier Energies Photovoltaic Private Limited which was previously mentioned in ALMM List II dated 05.02.2026*

No. 283/51/2025-GRID SOLAR

भारत सरकार / Government of India

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

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.
Dated: 28th September, 2026

OFFICE MEMORANDUM

Sub: Publishing 10th Revision of ALMM (Approved List of Models & Manufacturers) LIST-II (for Solar PV Cells) – Reg.

Ref:

1. MNRE's O.M. No. 283/54/2018-GRID SOLAR dated 02.01.2019, regarding ALMM Order and subsequent amendments and clarifications thereto;
2. 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;
3. 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 and subsequent amendments and clarifications thereto;

In accordance with the 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. Subsequently, revisions to the said List have been issued from time to time. Now, MNRE hereby issues **the Tenth 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)
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.

Annexure-I
Revision-10

New additions on 28/09/2026 in the List of Manufacturers and Models of Solar PV Cells Enlisted under ALMM Order									
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. Jupiter Solartech Private Limited** **(New Addition)**	**Floor No. Unit IV, Plot No. 8, Industrial Area, Lodhimajra, Tehsil, Baddi, Solan Himachal Pradesh – 173205**	**1297**	Bifacial N-Type Topcon Solar Cells, (182.3 mm × 210 mm, 16 BB, PID free##)	JSPLN21016BB	25.99% 9.95 W	20.50 % to 26.00 % 7.84 W to 9.96 W	28.09.2026	27.09.2030
2	**M/s. Renewsys India Pvt. Ltd.** **(Capacity Addition)**	**Sy. No. 114/P, Srinagar (V), Fabcity, Maheswaram (M), Ranga Reddy District, Telangana, India – 501359**	**552**	Bifacial N-Type Topcon Solar Cells, (182.2 mm × 183.75 mm, 16 BB, PID free##)	RESERV 71P	25.00% 8.35 W	24.00 % to 25.60 % 8.03W to 8.54 W	30.04.2026	29.04.2030

 # Solar Cell Efficiency and Wattage range are as claimed by manufacturer

PID is as claimed by manufacturer.

**Note: Unless explicitly stated otherwise, 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)*

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: 21st August, 2026

OFFICE MEMORANDUM

Sub: Publishing 9th Revision of ALMM (Approved List of Models & Manufacturers) LIST-II (for Solar PV Cells) – Reg.

Ref:

1. MNRE's O.M. No. 283/54/2018-GRID SOLAR dated 02.01.2019, regarding ALMM Order and subsequent amendments and clarifications thereto;
2. 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;
3. 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 and subsequent amendments and clarifications thereto;

In accordance with the 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. Subsequently, revisions to the said List have been issued from time to time. Now, MNRE hereby issues **the Ninth Revision** of the ALMM List-II for Solar PV Cells, which is at Annexure-I.

2. This issues with the approval of competent authority.

21/08/26

(Mohd Azmal Mansoori)
Scientist 'C'
E-mail: azmal.mnre@gov.in

Encl: as above

To: All Concerned

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

Annexure-I
Revision-9

A. Amendments / Updation in previous list of ALMM List-II

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted Capacity (MWs / Year)	Enlisted Type of Solar Cell	Previously Listed Range of Efficiency (%) [Min-Max]	Previously Listed Range of Wattage (Wp) [Min-Max]	Revised Range of Efficiency (%) / Wattage (Wp) [Min-Max]
1	M/s. TP Solar Ltd.	Plot No. A109, Near Elcot 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 × 182.2 mm, 10 busbar, PID free)	22% to 23.7%	7.27 W to 7.84 W	**20.50 % to 23.70 %** **6.55 W to 7.84 W**
			53	Mono Crystalline TOPCon Bifacial Solar cell, (182.2 mm × 182.2 mm, 10 busbar, PID free)	22.5% to 25.5%	7.44 W to 8.43 W	**20.50 % to 25.50 %** **6.55 W to 8.43 W**
2	M/s. Renewsys India Pvt. Ltd.	Sy. No. 114/P, Srinagar (V), Fabcity, Maheswaram (M), Ranga Reddy District, Telangana, India - 501359	452	Bifacial N-Type TOPCon Solar Cells, 182.2 mm × 183.75 mm, 16 BB, PID free	24.00 % to 25.60 %	8.03 W to 8.54 W	**20.50 % to 25.60 %** **6.85 W to 8.54 W**
3	M/s Premier Energies Photovoltaic Private Limited	Plot No. 8/B/1 & 2, Survey No. 62 (P), 63 (P) & 88 (P), (Fab City), Raviryal, Maheshwaram (M), Ranga Reddy District – 501359, Telangana, India	1358	Bifacial N-Type Topcon Solar Cells (G12R, 182.3 mm x 210 mm, 16 Busbar, PID Free)	24.00 % to 26.00 %	9.18 W to 9.95 W	**22.50 % to 26.00 %** **8.61 W to 9.95 W**
4	M/s. Reliance Industries Limited, Jamnagar, Gujarat	New Energy Complex AT Navagam/ Kana Chhikari via Khodiyar Colony, PO Jamnagar, Gujarat - 361006, India	1238	HJT Solar Cell, 210 mm × 105 mm, No bus bar, PID free##	23.80 % to 25.60 %	5.28 W to 5.66 W	**23.80 % to 26.00 %** **5.28 W to 5.74 W**

Annexure-I
Revision-9

B. New additions on 21/08/2026 in the List of Manufacturers and Models of Solar PV Cells Enlisted under ALMM Order									
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. Waaree Energies Limited** **(Model Addition)**	**Sr. No. 1934,1939,1941,1942, NH-48, Degam, Chikhli, Navsari, Gujarat - 396530, India**	**4021****	Mono Crystalline TOPCon (N- Type) Bifacial: Cell Technology – G12R, Dimension - 210mm×182.3mm±0.25mm, 16BB, PID Free##)	WSC-N-G12R-16BB Mono TOPCon Solar Cell	25.39% 9.73 W	24.00 % to 26.00 % 9.20 W to 9.94 W	15.12.2025	14.12.2029
2	**M/s EMMVEE Energy Private Limited** **(Model Addition)**	**Sy No. 66-70/3, Sompura Industrial Area, Pemmanahalli Village, Sompura Hobli, Nelamangala Taluku, Bangalore (Rural), 562111, Karnataka, India**	**2153***	Bifacial Mono-c-Si Topcon Cells, (182.3 mm x 210 mm ± 0.5mm, 16 bus bar, PID Free##)	EM16D1-TCM12R	25.60% 9.80 W	24.00 % to 26.00 % 9.19 W to 9.95 W	31.07.2025	30.07.2029
3	**M/s Avaada Electro Limited** **(Model Addition & Capacity Addition)**	**A-67, MIDC Road, Additional Butibori Industrial Area, Nagpur, Maharashtra, 441108**	**3621***	N-type TOPCon HalfCut, G12R, (105mm±0.5mm*182.3mm±0.5mm, 16 bus bar, PID Free##)	N-G12R-16B-HC-AVA	25.83% 4.93 W	24.50% to 26.30% 4.69W to 5.03W	22.07.2026	21.07.2030
				N-type TOPCon Full-Cell, G12R, (210mm±0.5mm*182.3mm±0.5mm, 16 bus bar, PID Free##)	N-G12R-16B-FC-AVA	25.71% 9.83 W	24.50% to 26.30% 9.38W to 10.07W		

 # Solar Cell Efficiency and Wattage range are as claimed by manufacturer

PID is as claimed by manufacturer.

**Note: Unless explicitly stated otherwise, 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)*

*** This capacity (TOPCon) is in addition to the Mono-PERC Capacity (1328) of M/s Waaree Energies Limited which was previously mentioned in ALMM List II dated 15.12.2025*

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: 22nd July, 2026

OFFICE MEMORANDUM

Sub: Publishing 8th 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 dated 09.12.2024 regarding amendment to ALMM order, for implementation of ALMM for Solar PV Cells and subsequent clarifications and amendments thereto

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 Eighth 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)
Scientist-E
E-mail: karndhar.sg@nic.in
Tel:011-20849047

Encl: as above

To: All Concerned

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

Annexure-I

Revision-8

New additions on 22/07/2026 in the List of Manufacturers and Models of Solar PV Cells Enlisted under ALMM Order									
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 Fujiyama Power Systems Limited** **(Capacity Addition)**	**KH-345/1, 345/2, 345/3, 347/1, 347/2, 347/3, 349/2, 349/3 NANGLA CHAMROO, GAUTAMPURI, DADRI, GAUTAMBUDDHA NAGAR, UTTAR**	**1077**	Bifacial Mono-c-Si PERC Cells (182.2 mm x 182.2 mm, 10 Busbar, PID Free##)	UT-182M	23.13%	22.60 % to23.60 %	13.02.2026	12.02.2030
						7.68 W	7.46 W to 7.79 W		
2	**M/s Avaada Electro Limited** **(New Application)**	**A-67, MIDC Road, Additional Butibori Industrial Area, Nagpur, Maharashtra, 441108**	**610**	N-type TOPCon Half-Cut, G12 (210 mm ± 0.25 mm x 105 mm ±0.125mm, 18 busbar, PID Free##)	N-G12-18BB-HC-AVA	25.63%	24.50 % to 26.30 %	22.07.2026	21.07.2030
						5.65 W	5.40 W to 5.80 W		
				N-type TOPCon Full-Cell, G12 (210 mm ± 0.25 mm x 210 mm ±0.125mm, 18 busbar, PID Free##)	N-G12-18BB-FC-AVA	25.57%	24.50 % to26.30 %		
						11.28 W	10.80 W to11.60 W		

 # Solar Cell Efficiency and Wattage range are as claimed by manufacturer

PID is as claimed by manufacturer.

**Note: Unless explicitly stated otherwise, 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. 283/51/2025-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: 30th April 2026

OFFICE MEMORANDUM

Sub: Publishing 7th 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 **Seventh Revision** of the ALMM List-II for Solar PV Cells, which is at Annexure-I. Amendments/ Updations in previous versions of ALMM List-II are at Annexure-II.

2. 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

Annexure-I/ Revision 7

A. Amendments/ Updations in previous list* of ALMM List-II

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted Capacity (MWs / Year)	Enlisted Type of Solar Cell	Previously Listed Range of Efficiency (%) [Min-Max]	Previously Listed Range of Wattage (Wp) [Min-Max]	Revised Range of Efficiency (%) / Wattage (Wp) [Min-Max]
1	M/s Waaree Energies Limited	Sr. No. 1934, 1939, 1941, 1942, NH-48, Degam, Chikhli, Navsari, Gujarat - 396530, India	1328	Mono Crystalline PERC (P-Type) Bifacial Solar Cell, 10 bus bar, 182.2mm x 182.2mm, PID free	22.20% to 23.50%	7.36 W to 7.75 W	**22.00% to 23.70%; 7.36 W to 7.85 W**
			3923	Mono Crystalline TOPCon (N-Type) Bifacial Solar Cell (M10R), 16 bus bar 183.75mm x 182.2mm, PID free	24.40% to 25.50%	8.10 W to 8.60 W	**24.00% to 25.80%; 8.00 W to 8.68 W**

*List dt. 15.12.2026

Annexure-I

Revision- 7

B. New additions on 30/04/2026 in the List of Manufacturers and Models of Solar PV Cells Enlisted under ALMM Order									
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. Renewsys India Pvt. Ltd.** **(New Addition)**	**Sy. No. 114/P, Srinagar (V), Fabcity, Maheswaram (M), Ranga Reddy District, Telangana, India - 501359**	**452**	Bifacial N-Type TOPCon Solar Cells, 182.2 mm × 183.75 mm, 16 BB, PID free##	RESERV 71P	24.60% 8.23 W	24.00 % to 25.60 % 8.03W to 8.54 W	30.04.2026	29.04.2030

 # Solar Cell Efficiency and Wattage range are as claimed by manufacturer

PID is as claimed by manufacturer.

**Note: Unless explicitly stated otherwise, 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. 283/51/2025-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: 13th April, 2026

OFFICE MEMORANDUM

Sub: Publishing 6th 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 **Sixth 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)
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

Annexure-I

Revision- 6

New additions on 13/04/2026 in the List of Manufacturers and Models of Solar PV Cells Enlisted under ALMM Order									
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. Reliance Industries Limited, Jamnagar, Gujarat** **(New Addition)**	**New Energy Complex AT Navagam/ Kana Chhikari via Khodiyar Colony, PO Jamnagar, Gujarat - 361006, India**	**1238**	HJT Solar Cell, 210 mm × 105 mm, No bus bar, PID free##	HJNxx	25.40% 5.60 W	23.80 % to 25.60 % 5.28 W to 5.66 W	13.04.2026	12.04.2030
2	**M/s. Jupiter Solartech Private Limited** **(New Addition)**	**Floor No. Unit III, Village Katha, PO & Tehsil Baddi, District Solan, Himachal Pradesh - 173205**	**991**	Mono PERC Bifacial Solar Cell, P Type , 182.2mm × 183.75 mm, 10BB, PID Free##	182.2x183.75	23.70% 7.94 W	20.00 % to23.80 % 6.69 W to 7.97 W	13.04.2026	12.04.2030
3	**M/s Websol Energy System Limited** **(Capacity Addition)**	**Sector - II, Falta Special Economic Zone, Falta, 24 Parganas (South) , Pin - 743504,West Bengal, India**	**1202**	Mono Crystalline PERC (Bifacial), P-Type Bifacial: Dimension - 182.2mm×182.2mm, 182.2mm×183.75mm, 10BB, PID Free##	WS182MP10 (WS182MP10R)	23.55% 7.77 W	19.00 % to23.60 % 6.29 W to 7.88 W	24.11.2025	23.11.2029

 # Solar Cell Efficiency and Wattage range are as claimed by manufacturer

PID is as claimed by manufacturer.

**Note: Unless explicitly stated otherwise, 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. 283/51/2025-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: 13th February, 2026

OFFICE MEMORANDUM

Sub: Publishing 5th 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 **Fifth 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)
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

Annexure-I

Revision - 5

New additions on 13/02/2026 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 Fujiyama Power Systems Limited**	**KH-345/1, 345/2, 345/3, 347/1, 347/2, 347/3, 349/2, 349/3 NANGLA CHAMROO, GAUTAMPURI, DADRI, GAUTAMBUDDHA NAGAR, UTTAR PRADESH, INDIA-203207**	**437**	Bifacial Mono-c-Si PERC Cells (182.2 mm x 182.2 mm, 10 Busbar, PID Free##)	UT-182M	23.41% 7.73 W	22.60% to 23.60% 7.46 W to 7.79 W	13.02.2026	12.02.2030

 # Solar Cell Efficiency and Wattage range are as claimed by manufacturer

PID is as claimed by manufacturer.

**Note: Unless explicitly stated otherwise, 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. 283/51/2025-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: 5th February, 2026

OFFICE MEMORANDUM

Sub: Publishing 4th 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 Fourth 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)
Scientist-E
E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned

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Annexure
Revision-4

New additions on 05/02/2026 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 Evervolt Solar Technology India Pvt. Ltd.** **(New Addition)**	**No. 250, Thespia Drive, Sricity Dtz, Gollavaripalem, Satyavedu, Tirupati (Dt.), Andhra Pradesh – 517646, India.**	**1074**	Bifacial Mono-c-Si PERC Cells (182.2 mm x 182.2 mm , 10 Busbar, PID Free##)	EVT-M10-BR-PERC	23.10% 7.66 W	22% to 23.50 % 7.264 W to 7.759 W	05.02.2026	04.02.2030
2	**M/s Mundra Solar PV Limited** **(Model 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, Tunda, Kachchh, Gujarat 370435**	**2298***	Bifacial N Type TOPCon Cells (182.3 mm x 210 mm, 16 BB, PID Free##)	TPRB16	25.35% 9.70 W	24.5 % to 25.7 % 9.37 W to 9.82 W	31.07.2025	30.07.2029
3	**M/s Premier Energies Photovoltaic Private Limited** **(Model Addition)**	**Plot No. 8/B/1 & 2, Survey No. 62 (P), 63 (P) & 88 (P), (Fab City), Raviryal, Maheshwaram (M), Ranga Reddy District – 501359, Telangana, India**	**1358****	Bifacial N-Type Topcon Solar Cells (G12R, 182.3 mm x 210 mm, 16 Busbar, PID Free##)	PE_BLUE SHARK_N TYPE_TOPCON 16BB	25.37% 9.71 W	24 % to 26 % 9.18 W to 9.95 W	31.07.2025	30.07.2029
4	**M/s. FS India Solar Ventures Private Limited**	**Plot No. A-1/1, Sipcot Industrial Park, Pillaipakkam - 602105, Tamil Nadu**	**3433***	Is enlisted in ALMM List-I for solar PV modules and is deemed to be eligible for Inclusion in ALMM List-II for solar PV cells, as per para 9 of OM dated 09.12.2024				31.07.2025	28.04.2028

 # Solar Cell Efficiency and Wattage range are as claimed by manufacturer

PID is as claimed by manufacturer.

**Note: Unless explicitly stated otherwise, 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)*

*** This capacity (TOPCon) is in addition to the Mono-PERC Capacity (751) of M/s Premier Energies which was previously mentioned in ALMM List II dated 31.07.2025*

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: 15th December, 2025

OFFICE MEMORANDUM

Sub: Publishing 3rd 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 **Third 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)
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

Annexure-I

Revision-3

New additions on 15/12/2025 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 Waaree Energies Limited**	**Sr. No. 1934,1939,1941,1942, NH-48, Degam, Chikhli, Navsari, Gujarat - 396530, India**	**1328**	Mono Crystalline PERC(P-Type) Bifacial Solar Cell, 182.2mm × 182.2mm,10 bus bar, PID free##)	WSC-P-M10-10BB Mono PERC Solar Cell	23.55%	22.20 % to 23.50 %	15.12.2025	14.12.2029
						7.78 W	7.36 W to 7.75 W		
			3923	Mono Crystalline TOPCon (N- Type) Bifacial Solar Cell (M10R), Dimension - 183.75mm×182.2mm, 16 bus bar, PID free##)	WSC-N-M10R-16BB Mono TOPCon Solar Cell	25.54%	24.40% to 25.50 %		
						8.53 W	8.10 W to 8.60 W		

 # Solar Cell Efficiency and Wattage range are as claimed by manufacturer

PID is as claimed by manufacturer.

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)
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

Annexure-I

Revision-2

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,10BB, 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.

F. No. 283/51/2025-GRID SOLAR
भारत सरकार / Government of India
नवीन और नवीकरणीय ऊर्जा मंत्रालय / **Ministry of New & Renewable Energy**
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;
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 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.

(Priya)
Scientist-D
Email: priya.mnre@gov.in

Encl: as above

To: All Concerned

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

Annexure-I
Revision-1

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 Elcot 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 × 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 × 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.

F. No. 283/51/2025-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ **Ministry of New & Renewable Energy (MNRE)**

ग्रिड सौर ऊर्जा प्रभाग / **Grid Solar Power Division**

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.
Dated: 31st July 2025

OFFICE MEMORANDUM

Sub: Publishing ALMM 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), hereby issues the first version of the ALMM (Approved List of Models & Manufacturers) List-II for Solar PV Cells, which is at **Annexure-I.**

2. 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

Annexure-I

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 Emmvee Energy Pvt. Ltd.**	**Sy No. 66-70/3, Sompura Industrial Area, Pemmanahalli Village, Sompura Hobli, Nelamangala Taluku, Bangalore (Rural), 562111, Karnataka, India**	**1553**	Bifacial N-Type TOPCon Cell (182.2mm x 183.75 mm, 16 BB, PID free[##])	EM16D1-TCM10	24.62% 8.24 W	[20.0% - 26.0%] [6.69 W - 8.70 W]	31.07.2025	30.07.2029
2	**M/s Premier Energies Photovoltaic Pvt Ltd**	**Plot No. 8/B/1 & 2, Survey No. 62 (P), 63 (P) & 88 (P), (Fab City), Raviryal, Maheshwaram (M), Ranga Reddy District – 501359, Telangana, India**	**751**	Bifacial Mono c-Si PERC Cells (182.2 mm x 183.75 mm, 10 Busbar, PID Free[##])	PEPPL_PIRANHA_PTYPE_M10_BI-FACIAL	23.24% 7.78 W	[20.97% to 25.63 %] [6.99 W to 8.54 W]	31.07.2025	30.07.2029
3	**M/s Premier Energies International Pvt Ltd**	**Plot No. 8/B/1 & 2, Survey No. 62 (P), 63 (P) & 88 (P), (Fab City), Raviryal, Maheshwaram (M), Ranga Reddy District – 501359, Telangana, India**	**1174**	Bifacial Mono c-Si PERC Cells (182.2 mm x 183.75 mm, 10 Busbar, PID Free[##])	PEPPL_PIRANHA_PTYPE_M10_BI-FACIAL	23.24% 7.78 W	[20.97% to 25.63 %] [6.99 W to 8.54 W]	31.07.2025	30.07.2029

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**
4	**M/s. Mundra Solar Energy Limited**	**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, Tunda, Kachchh, Gujarat, 370435**	**1939**	Bifacial Mono c-Si PERC Cells (182 mm x 182 mm, 10 Busbar, PID free[##])	MSELM10B10	23.43% 7.71 W	[22.6% to 23.5 %] [7.53 W to 7.83 W]	31.07.2025	30.07.2029
5	**M/s. Mundra Solar PV Limited**	**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, Tunda, Kachchh, Gujarat, 370435**	**1893**	Bifacial N Type TOPCon Cells (182 mm x 182 mm, 16 busbar, PID free[##])	TPB16	25.27% 8.34 W	[24.6% to 25.5 %] [8.14 W to 8.44 W]	31.07.2025	30.07.2029
6	**M/s ReNew Photovoltaics Pvt Ltd**	**FP. No. 232(Part), Survey No 151/2, TP 2A, Dholera SIR, Village- Dholera, District- Ahmedabad, Gujarat 382455**	**1766**	Bifacial Mono c-Si PERC Cells (182.2mm x 183.75 mm & 182.2mm x 182.2 mm, 10 Busbar, PID free[##])	P-TYPE M10 PERC CELL	23.35% 7.72 W	[22.4% to 23.8%] [7.40 W to 7.96 W]	31.07.2025	30.07.2029

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**
7	**M/s. Jupiter International Limited (Unit 1)**	**Village Katha , PO & Tehsil Baddi, District Solan, Himachal Pradesh - 173205**	**339**	Mono PERC Bifacial Solar Cell, P Type , 182.2mm × 182.2 mm and 182.2mm × 183.75 mm, 10 bus bar, PID free[##]	Mono PERC Bifacial Solar Cell, P Type	23.10% 7.73 W	[20.0 % to 23.80 %] 6.69 W to 7.97 W	31.07.2025	30.07.2029
8	**M/s. Jupiter International Limited (Unit 2)**	**Village Katha , PO & Tehsil Baddi, District Solan, Himachal Pradesh - 173205**	**440**	Mono PERC Bifacial Solar Cell, P Type , 182.2mm × 182.2 mm and 182.2mm × 183.75 mm, 10 bus bar, PID free[##]	Mono PERC Bifacial Solar Cell, P Type	23.10% 7.73 W	[20.0 % to 23.80 %] [6.69 W to 7.97 W]	31.07.2025	30.07.2029
9	**M/s. FS India Solar Ventures Private Limited**	**Plot No. A-1/1, Sipcot Industrial Park, Pillaipakkam - 602105, Tamil Nadu**	**3212**	Is enlisted in ALMM List-I for solar PV modules and is deemed to be eligible for Inclusion in ALMM List-II for solar PV cells, as per para 9 of OM dated 09.12.2024				31.07.2025	28.04.2028

 # Solar Cell Efficiency and Wattage range are as claimed by manufacturer

PID is as claimed by manufacturer.