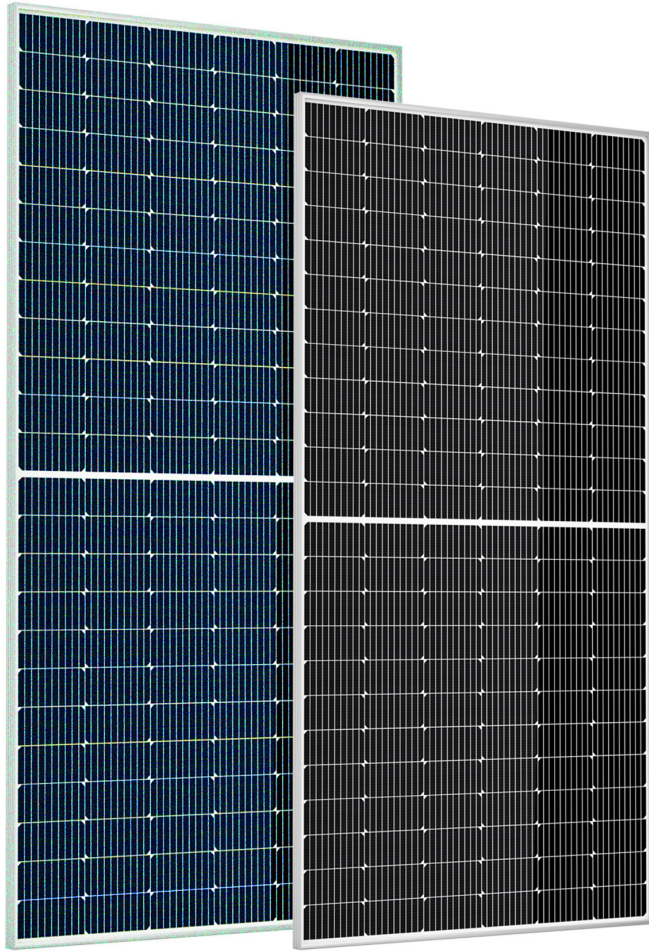
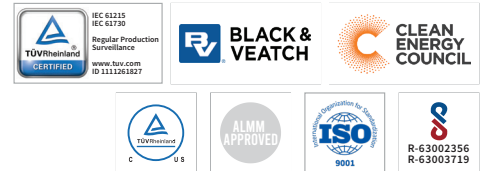




M10 CELLS MONO PERC MODULE

BIFACIAL
530 - 560 W

PRODUCT CERTIFICATES



IEC 61215 | IEC 61730 | IEC 61701 (Salt Mist) | IEC 62716 (Ammonia)
IEC 62782 (DMLT) | IEC 61853-1 & 2 (Panfile & IAM) | LID, LETID | IEC 62804 (PID)
CEC, CE | UL61730 | IEC 60068 (Sand & Dust) | IEC 62759 (Transportation)

MADE IN INDIA

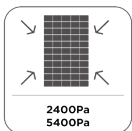
30 YEARS Linear Performance warranty*

12 YEARS Product warranty on materials and workmanship**



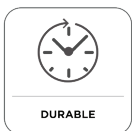
Advanced technologies

Multi-bus bar / PERC / Ga Doped / Half cut/M10 cell / smart soldering.



Heavy snow, hail, wind-load resistant

Enhanced mechanical load up to 5400 Pascals of snow load and up to 2400 Pascals of wind load.



Reliable modules with longer lifespan

Hotspot resistant, micro cracking resistant, 0.45% Linear degradation over 30 years, less damage due to weather stress.



Excellent low light performance

More power output in weak light conditions (early morning/sunset/cloudy). Suitable for large scale utility and ground mount projects.

GUARANTEED POWER

A line graph showing the power output of a 1000 MW nuclear reactor over 30 years. The y-axis is labeled 'Power Output' and ranges from 70% to 100%. The x-axis is labeled 'Years' and ranges from 0 to 30. A red line with circular markers at year 1 and year 30 shows a steady decline in power output. The output starts at 98% at year 1 and ends at 84.95% at year 30. The area under the line is filled with red.

Years	Power Output (%)
1	98%
30	84.95%

The technical drawings illustrate the dimensions of the 8005-1007 Mounting Slot. The **FRONT VIEW** shows a rectangular grid with a width of 1134 and a height of 2278. The **BACK VIEW** shows the same grid with a width of 1094 and a height of 2278. The **SIDE VIEW** shows the profile of the slot with a width of 30 and a height of 2278. The **BACK VIEW** also includes a detail of the mounting slot, showing a width of 1000 and a height of 400. The **BACK VIEW** also includes a detail of the mounting slot, showing a width of 1000 and a height of 400. The **BACK VIEW** also includes a detail of the mounting slot, showing a width of 1000 and a height of 400.

Electrical Data (STC)

30

FRAME DETAILS (D)

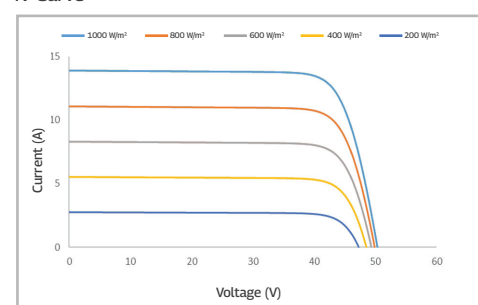
30

FRAME DETAILS (E)

All dimensions are in mm

Electrical Data (NOCT)

Maximum Power - P _{MAX} (Wp)	397	401	405	409	412	415	419
Maximum Power Voltage-V _{MPP} (V)	3780	3791	3808	3816	3822	3839	3847
Maximum Power Current-I _{MPP} (A)	10.51	10.58	10.64	10.71	10.78	10.81	10.88
Open Circuit Voltage - V _{OC} (V)	4616	4621	4633	4635	4637	4640	4643
Short Circuit Current-I _{SC} (A)	11.10	11.17	11.22	11.29	11.37	11.45	11.52



MECHANICAL DATA

Solar Cells	Bifacial Mono PERC
No. of cells	144 Half cut
Module Dimensions	2278 × 1134 × 30 mm
Weight	32.5 kg
Front Glass	2mm, High Transmission glass, Tempered ARC glass
Encapsulant	EPE / EVA
Rear Cover	2mm, High Transmission glass
Frame	30mm, Anodized Aluminum
Junction Box	IP68 / IP67
Cable ^A	4.0 mm ² , Cable length 300mm (Positive and Negative)
Connector [*]	MC4/ MC4 compatible

Temperature rating

NOCT	43°C ±2°C
Temperature Coefficient of P _{MAX}	- 0.32%/°C
Temperature Coefficient of C _{OC}	- 0.25%/°C
Temperature Coefficient of I _{SC}	0.06%/°C
Max Series Fuse rating	30A

*Please connect with the sales team for final connector details.
^ Cable length can be customised.

WARRANTY

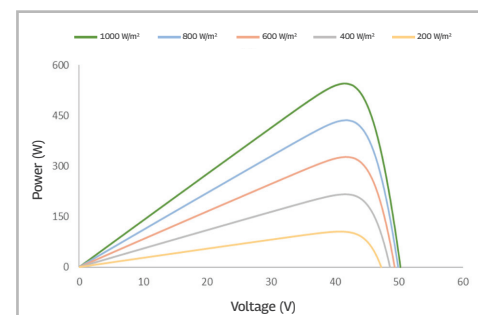
12-year Product Workmanship Warranty
30-year Power Warranty
2% first year degradation
0.45% Annual Power Attenuation

PACKING CONFIGURATION

Modules per box: 36 pieces
Modules per 40' HC container: 720 pieces

Document Number: RP/SS/M10/144/R/005

PV Curve



CAUTION:

READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.
Specifications included in this datasheet are subject to change without notice.