



SS-M-350 to 370



Quality Product

All Manufactured modules are tested 100% by EL (Electroluminescence) during the Production Process & Free from micro cracks.

Our high-performance modules are highly efficient, reliable and provide optimal output.

The company manufactures solar modules in compliance with global standard including MNRE, IEC 61215, 61730-1, 61730-2, 61701, UL 1703, UL 61730, ISO 9001:2008 & ISO 14001:2004 & 18001:2007.

High Efficiency .

High Module efficiency is obtaining top performance even in diffused light conditions.

We are leaders in providing our customers with maximum sunlight conversion.

Application Possibilities

Residential and Commercial rooftops, Car ports, Solar Farming, Balconies, Awnings, Street lights, Fences, and Canopies.

Our Team

We have a team of qualified experts and engineers making sure that modules produce maximum power. We pride ourselves in caring for each individual customer needs with detailed attention. Our end goal is to give a highly efficient product with exceptional customer service.

Guarantee

Our product is durable and has 25 years performance warranty. Integrated manufacturing of cells & modules in production line guarantees optimum performance.

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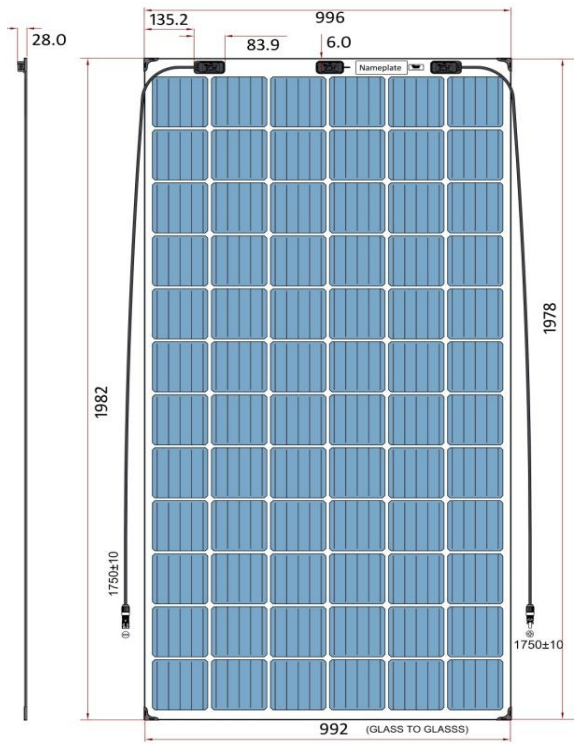
SS-M-350 to 370

Electric Performance Parameter

Model	SS-M-350	SS-M-355	SS-M-360	SS-M-365	SS-M-370
Nominal Maximum Power (Pmax/W)	350	355	360	365	370
Optimum Operating Voltage (Vmp/V)	39	39.2	39.5	39.7	39.8
Optimum Operating Current (Imp/A)	8.97	9.05	9.13	9.21	9.29
Open Circuit Voltage (Voc/V)	47.5	47.7	47.9	48.1	48.3
Short Circuit Current (Isc/A)	9.58	9.65	9.72	9.79	9.86
Module Efficiency	17.80%	18.10%	18.30%	18.60%	18.90%
*Under STC of irradiance of 1000W/m ²		* NOCT of irradiance of 800W/m ² , 43± 2° C			
*Spectrum AM 1.5 and cell temperature of 25 °C		* Measurement Power Tolerance 0 / +5%			
* Wind Load 5400 pa & Snow Load 10500 pa		* Maximum System Voltage: 1000v IEC/UL			

Mechanical Parameter

Module Dimensions	1978 x 992 x 6 mm / 77.87 x 39.05 x 0.24 in
Weight	28 kgs / 61.6 lbs
Cell Size (Monocrystalline)	156.75x156.75mm / 6.17x6.17 in
No Of Cell	72 (6 X 12)
Split Junction Box	IP68, 3 Bypass diodes
Solar Cable Length (4mm ²)	1750mm (68.89inch)
Connectors	MC4 compatible
Front Glass (Tempered & Low Iron)	2.5 mm (0.10 in)
Back Glass (Tempered & Low Iron)	2.5 mm (0.10 in) Transperent
Encapsulate	EVA
Frame	Frameless
Max Current (A)	20



Temperature Coefficient

Coefficient of Current	+0.05% /°C
Coefficient of Voltage	-0.29% /°C
Coefficient of Power	-0.39% /°C

Tested Operating Conditions

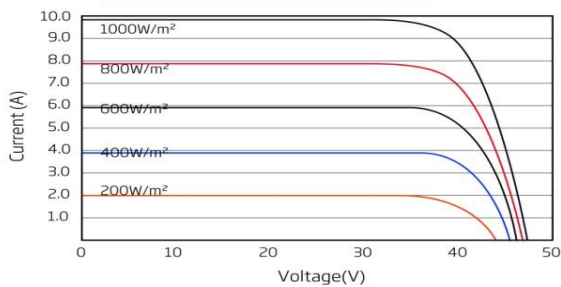
Temperature Cycling Range	-40°C to 85°C
Humidity Freeze, Damp Heat	85% RH

Product Warranty

Product Warranty	12 Years
Linear Warranty	First 10 Years up to 90%, next 15 years up to 80%

IV Curve

I-V CURVES OF PV MODULE



P-V CURVES OF PV MODULE

