

Photovoltaic Module

Polycrystalline144

KEY FEATURES



High module efficiency through superior manufacturing technology



No power loss thanks to improved temperature co-efficient caused by 5 busbar solar cell



Strictly control the micro-crack of solar cells and the other non visible defect of internal modules



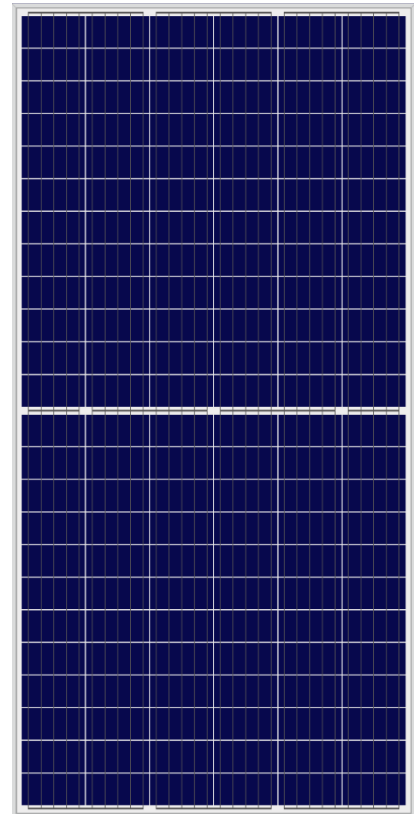
Module can bear snow loads up to 5400Pa and wind loads up to 2400Pa



Manufactured according to and certified international I Quality and Environment Management System



Using advanced low reflection and high light transmission glass and cell sheet surface cutting technology, in the weak light environment can also play a good performance.



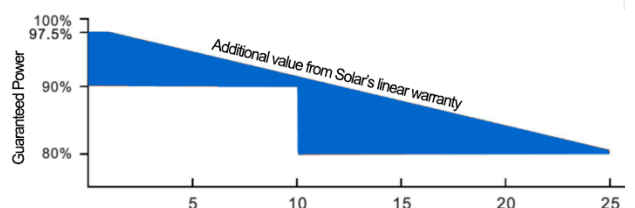
Certificates

- IEC61215, IEC61730, CQC, CE, TUV
- ISO9001:2008
- ISO14001:2004
- BSOHSAS18001:2007



Warranties

- 10 years product warranty
- 25 years power warranty



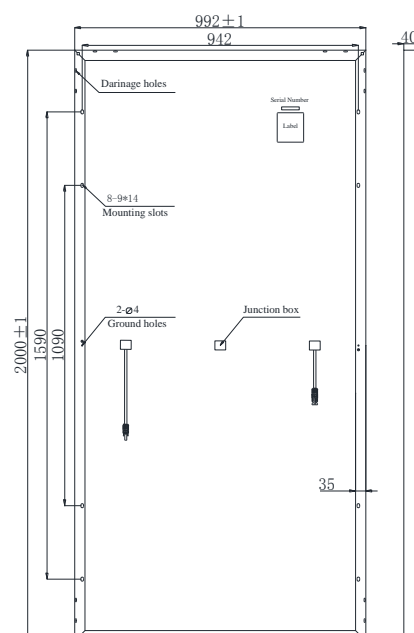
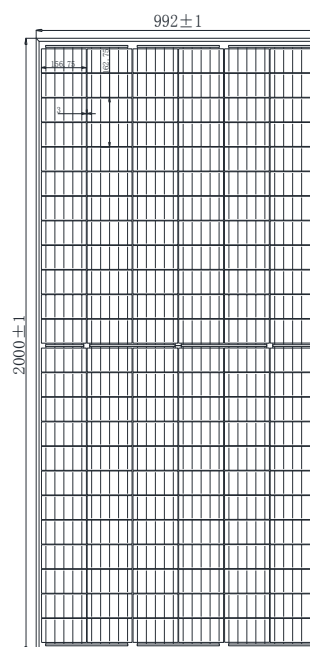
Electrical Characteristics

Model	SH-335P6-24	SH-340P6-24	SH-345P6-24	SH-350P6-24	SH-355P6-24
Maximum Power at STC(Pmax)	335W	340W	345W	350W	355W
Optimum Operating Voltage (Vmp)	38.63V	38.74V	38.83V	38.91V	39.05V
Optimum Operating Current (Imp)	8.673A	8.777A	8.885A	8.996A	9.091A
Open-Circuit Voltage (Voc)	46.08V	46.27V	46.48V	46.66V	46.86V
Short-Circuit Current (Isc)	9.382A	9.483A	9.578A	9.680A	9.776A
Solar Cell Efficiency (%)	19.32	19.60	19.89	20.18	20.47
Solar Module Efficiency (%)	16.89	17.14	17.39	17.64	17.89
Operating Temperature	-40to85°C				
Maximum System Voltage	DC1000				
Maximum Series Fuse Rating	15A				
Power Tolerance	0~+3%				
STC:Irradiance 1000W/m ² ,Modules Temperature 25°C,AM=1.5					

Temperature Coefficient and Mechanical Characteristics

Nominal Operating Cell Temperature (NOCT)	45°C+/-2°C
Temperature Coefficient of Pmax	-0.39%/°C
Temperature Coefficient of VOC	-0.32%/°C
Temperature Coefficient of ISC	+0.005%/°C
Solar cell	Poly156.75*78.375mm
No.of cells	144 (6x12+6x12)
Dimensions	2000mm*992mm*40mm
Weight	24kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	PV--*****
Connector	Plug and socket
Output cables	PV 4.0mm ²
1*20'	260pcs
1*40'	572pcs
1*40'HQ	638pcs
13.6	676pcs
17.5	884pcs

Engineering Drawings



IV-Curves

