

Photovoltaic Module Monocrystalline72

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.



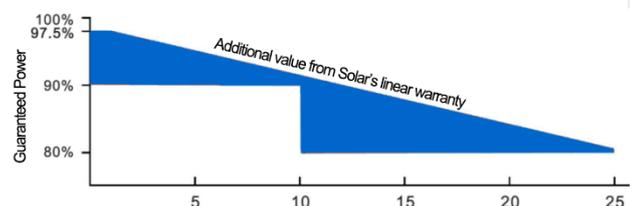
Certificates

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



Warranties

- 10 years product warranty
- 25 years power warranty



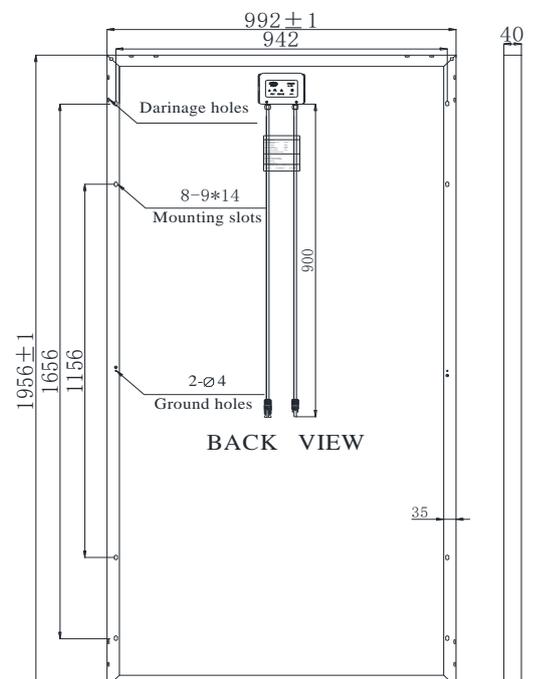
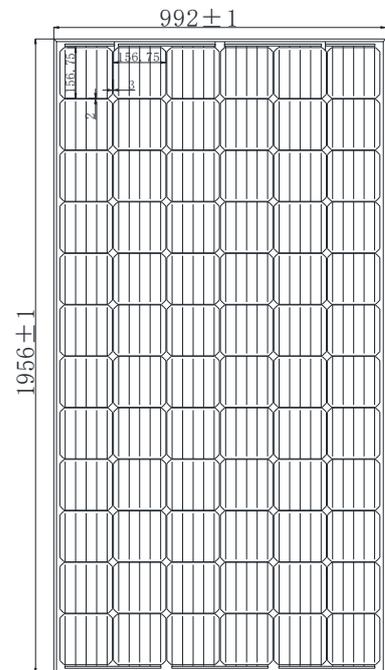
Electrical Characteristics

Model	SH-340S6-24	SH-345S6-24	SH-350S6-24	SH-355S6-24	SH-360S6-24
Maximum Power at STC(Pmax)	340W	345W	350W	355W	360W
Optimum Operating Voltage (Vmp)	37.95V	38.03V	38.11V	38.19V	38.27V
Optimum Operating Current (Imp)	8.959A	9.072A	9.184A	9.296A	9.407A
Open-Circuit Voltage (Voc)	46.74V	46.81V	46.89V </td <td>46.97V</td> <td>47.05V</td>	46.97V	47.05V
Short-Circuit Current (Isc)	10.5A	10.622A	10.744A	10.865A	10.986A
Solar Cell Efficiency (%)	19.76	20.05	20.34	20.63	20.92
Solar Module Efficiency (%)	17.52	17.78	18.04	18.30	18.56
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	-0.41%/°C
Temperature Coefficient of VOC	-0.34%/°C
Temperature Coefficient of ISC	+0.06%/°C
Solar cell	Mono156.75*156.75mm
No.of cells	72 (6x12)
Dimensions	1956mm*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 ,0.9m
1*20'	260pcs
1*40'	624pcs
1*40'HQ	672pcs

Engineering Drawings



IV-Curves

Current-Voltage&Power-Voltage Curve

