

# Photovoltaic Module Monocrystalline144

## 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



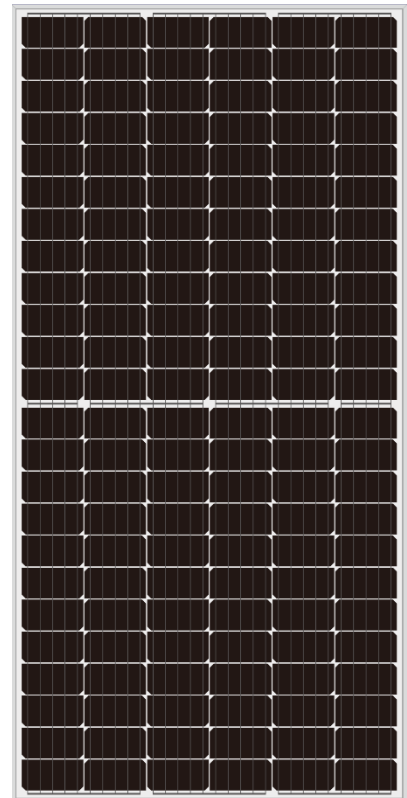
Module can bear snow loads up to 5400Pa and wind loads up to 2400Pa



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.



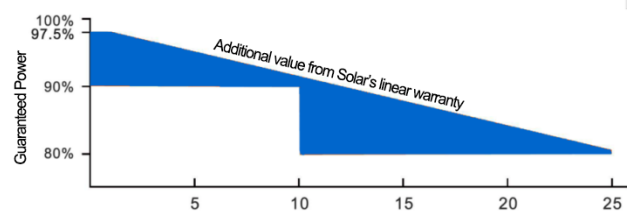
## Certificates

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



## Warranties

- 10 years product warranty
- 25 years power warranty



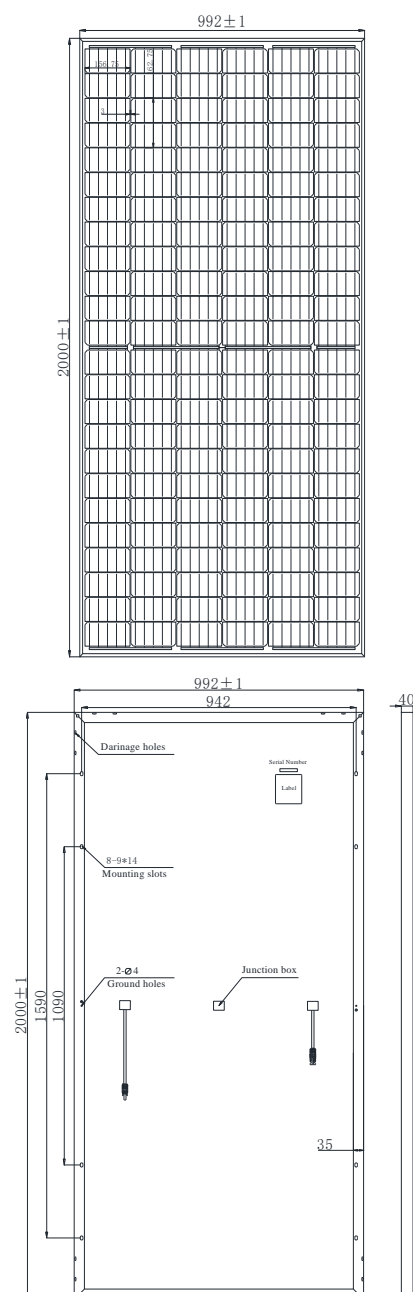
## Electrical Characteristics

Model	SH-350S6-24	SH-355S6-24	SH-360S6-24	SH-365S6-24	SH-370S6-24
Maximum Power at STC(Pmax)	350W	355W	360W	365W	370W
Optimum Operating Voltage (Vmp)	39.18V	39.35V	39.48V	39.63V	39.75V
Optimum Operating Current (Imp)	8.934A	9.022A	9.119A	9.211A	9.309A
Open-Circuit Voltage (Voc)	46.95V	47.12V	47.30V	47.46V	47.63V
Short-Circuit Current (Isc)	9.620A	9.722A	9.822A	9.925A	10.025A
Solar Cell Efficiency (%)	20.18	20.47	20.76	21.04	21.34
Solar Module Efficiency (%)	17.64	17.89	18.15	18.40	18.65
Operating Temperature	-40to85°C				
Maximum System Voltage	DC1000				
Maximum Series Fuse Rating	15A				
Power Tolerance	0~+3%				
STC:Irradiance 1000W/m <sup>2</sup> ,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	-0.29%/°C
Temperature Coefficient of ISC	+0.05%/°C
Solar cell	Mono156.75*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 <sup>2</sup>
1*20'	260pcs
1*40'	572pcs
1*40'HQ	638pcs
13.6	676pcs
17.5	884pcs

## Engineering Drawings



## IV-Curves

