

Photovoltaic Module

Polycrystalline48

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.



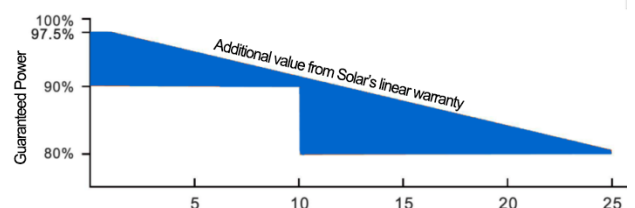
Certificates

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



Warranties

- 10 years product warranty
- 25 years power warranty

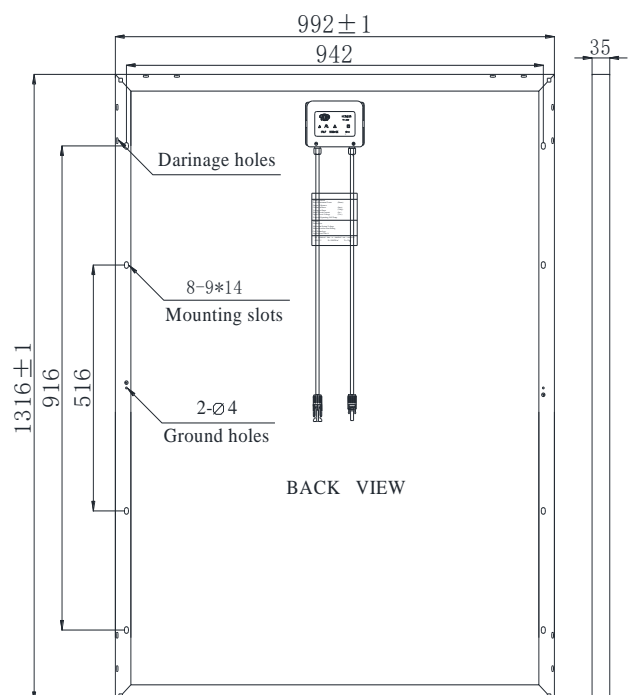
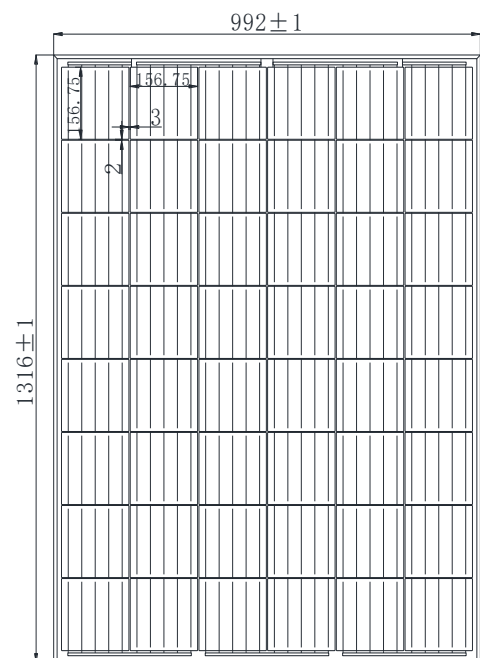


Electrical Characteristics

Model	SH-200P6-16	SH-205P6-16	SH-210P6-16	SH-215P6-16	SH-220P6-16
Maximum Power at STC(Pmax)	200W	205W	210W	215W	220W
Optimum Operating Voltage (Vmp)	25.02V	25.08V	25.15V	25.22V	25.29V
Optimum Operating Current (Imp)	7.994A	8.172A	8.349A	8.525A	8.700A
Open-Circuit Voltage (Voc)	30.78V	30.84V	30.91V	30.98V	31.05V
Short-Circuit Current (Isc)	9.237A	9.428A	9.618A	9.808A	9.997A
Solar Cell Efficiency (%)	17.46	17.90	18.34	18.77	19.21
Solar Module Efficiency (%)	15.32	15.70	16.09	16.47	16.85
Operating Temperature	-40to85℃				
Maximum System Voltage	DC1000				
Maximum Series Fuse Rating	15A				
Power Tolerance	0~+3%				
STC:Irradiance 1000W/m²,Modules Temperature 25℃,AM=1.5					

Temperature Coefficient and Mechanical Characteristics Engineering Drawings

Nominal Operating Cell Temperature (NOCT)	45℃+/-2℃
Temperature Coefficient of P _{max}	-0.41%/℃
Temperature Coefficient of V _{OC}	-0.33%/℃
Temperature Coefficient of I _{SC}	+0.067%/℃
Solar cell	Poly156.75*156.75mm
No.of cells	48(6*8)
Dimensions	1316mm*992mm*35mm
Weight	15kg
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'	448pcs
1*40'	946pcs
1*40'HQ	1042pcs



IV-Curves

