

Photovoltaic Module

Monocrystalline42

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.



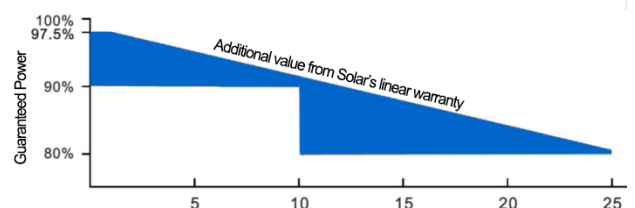
Certificates

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



Warranties

- 10 years product warranty
- 25 years power warranty

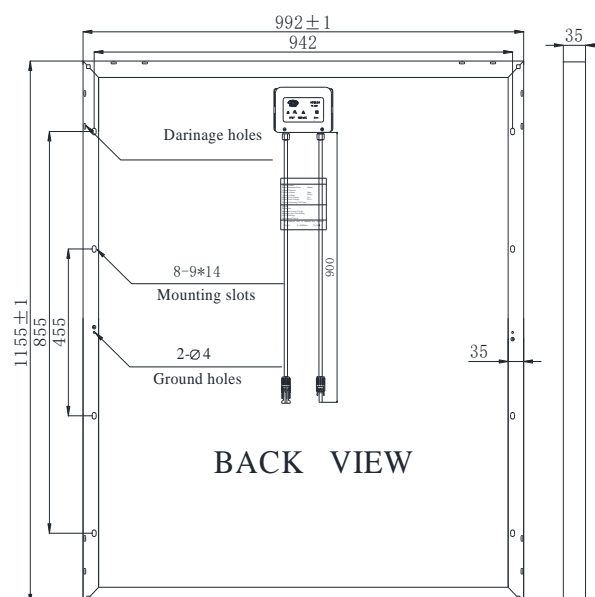
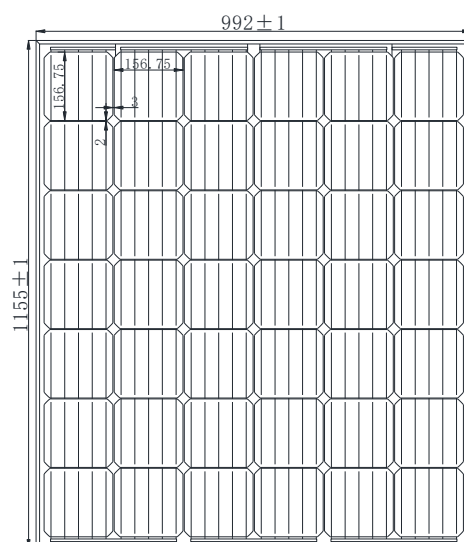


Electrical Characteristics

Model	SH-190S6-14	SH-195S6-14	SH-200S6-14	SH-205S6-14	SH-210S6-14
Maximum Power at STC(Pmax)	190W	195W	200W	205W	210W
Optimum Operating Voltage (Vmp)	22.13V	22.20V	22.26V	22.32V	22.39V
Optimum Operating Current (Imp)	8.584A	8.785A	8.985A	9.183A	9.379A
Open-Circuit Voltage (Voc)	27.26V	27.32V	27.38V	27.45V	27.52V
Short-Circuit Current (Isc)	10.129A	10.344A	10.559A	10.773A	11.033A
Solar Cell Efficiency (%)	18.93	19.43	19.93	20.43	20.96
Solar Module Efficiency (%)	16.58	17.02	17.46	17.89	18.33
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}	-0.34%/℃
Temperature Coefficient of I _{SC}	+0.06%/℃
Solar cell	Mono156.75*156.75mm
No.of cells	42 (6×7)
Dimensions	1155mm*992mm*35mm
Weight	13kg
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'	498pcs
1*40'	1064pcs
1*40'HQ	1178pcs



IV-Curves

