

Photovoltaic Module

Polycrystalline72

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.



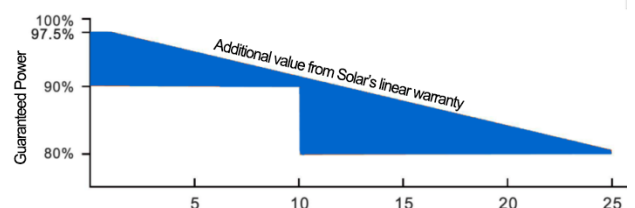
Certificates

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



Warranties

- 10 years product warranty
- 25 years power warranty



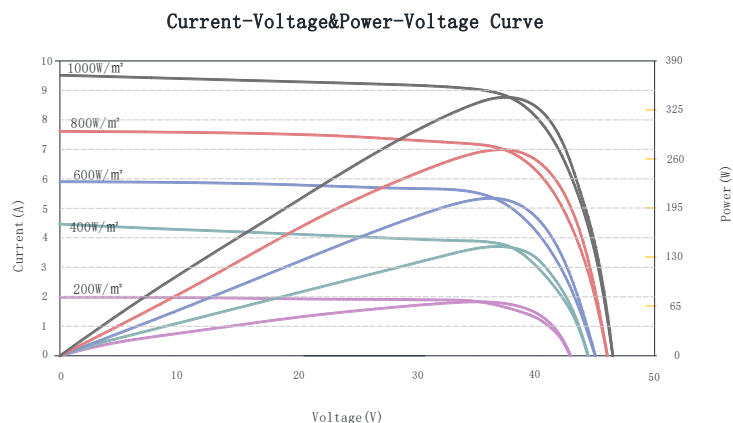
Electrical Characteristics

Model	SH-315P6-24	SH-320P6-24	SH-325P6-24	SH-330P6-24	SH-335P6-24
Maximum Power at STC(Pmax)	315W	320W	325W	330W	335W
Optimum Operating Voltage (Vmp)	37.76V	37.84V	37.92V	37.99V	38.07V
Optimum Operating Current (Imp)	8.343A	8.458A	8.572A	8.685A	8.799A
Open-Circuit Voltage (Voc)	46.40V	46.48V	46.56V	46.63V	46.71V
Short-Circuit Current (Isc)	9.672A	9.796A	9.919A	10.043A	10.165A
Solar Cell Efficiency (%)	18.34	18.63	18.92	19.21	19.50
Solar Module Efficiency (%)	16.23	16.49	16.75	17.01	17.26
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

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	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

IV-Curves



Engineering Drawings

