Photovoltaic Module
Monocrystalline66

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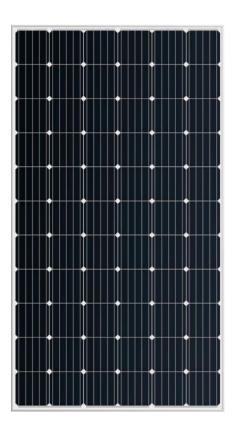
Module can bear snow loads up to 5400Pa and wind loads up to 2400Pa

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
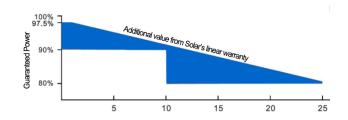
●ISO9001:2008

●ISO14001:2004

●BSOHSAS18001:2007

Warranties

● 10 years product warranty
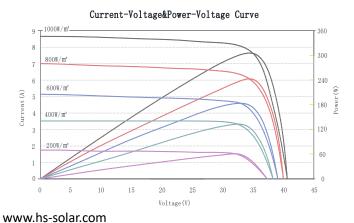
● 25 years power warranty

Electrical Characteristics

Model	SH-310S6-22	SH-315S6-22	SH-320S6-22	SH-325S6-22	SH-330S6-22
Maximum Power at STC(Pmax)	310W	315W	320W	325W	330W
Optimum Operating Voltage (Vmp)	34.86V	34.93V	35.01V	35.08V	35.15V
Optimum Operating Current (Imp)	8.892A	9.017A	9.141A	9.265A	9.389A
Open-Circuit Voltage (Voc)	42.91V	42.99V	43.06V	43.13V	43.20V
Short-Circuit Current (Isc)	10.487A	10.622A	10.756A	10.890A	11.075A
Solar Cell Efficiency (%)	19.66	19.97	20.29	20.61	20.96
Solar Module Efficiency (%)	17.46	17.74	18.02	18.30	18.58
Operating Temperature	-40to85℃				
Maximum System Voltage	DC1000				
Maximum Series Fuse Rating	15A				
Power Tolerance	0~+3%				

STC:Irradiance 1000W/㎡,Modules Temperature 25℃,AM=1.5

Temperature Coefficient and Mechanical Characteristics

Nominal Operating Cell Temperature (NOCT)	45℃+/-2℃
Temperature Coefficient of Pmax	-0.41%/℃
Temperature Coefficient of VOC	-0.34%/℃
Temperature Coefficient of ISC	+0.06%/℃
Solar cell	Mono156.75*156.75mm
No.of cells	66 (6×11)
Dimensions	1790mm*992mm*40mm
Weight	20.5kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	PV--******
Connector	Plug and socket
Output cables	PV 4.0mm²,0.9m
1*20'	312pcs
1*40'	624pcs
1*40'HQ	672pcs

Engineering Drawings

IV-Curves

Current-Voltage&Power-Voltage Curve

www.hs-solar.com