Photovoltaic Module Monocrystalline72

KEY FEATURES

High module efficiency through superior manufacturing technology

No power loss thanks to improved temperature co-efficient caused by 4 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 international I Q and Environment Management System

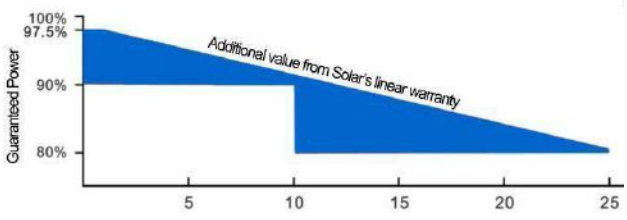
Using advanced low reflection and high light transmission glass and cell sheet surface cutting technology, in the weak light environment can also play a good performance.

Certificates

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

Warranties

- 10 years product warranty
- 25 years power warranty



Electrical Characteristics

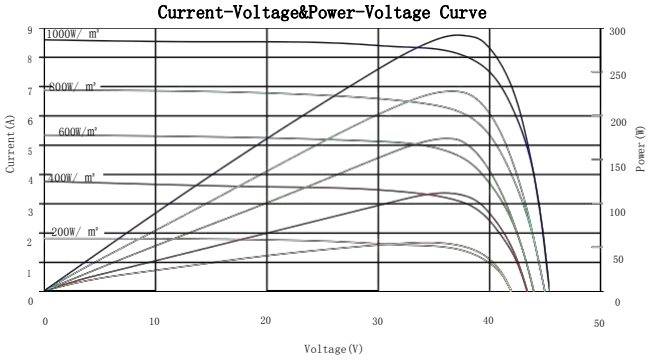
Model	NS-340S6
Maximum Power at STC(Pmax)	340W
Optimum Operating Voltage (Vmp)	37.95V
Optimum Operating Current (Imp)	8.959A
Open-Circuit Voltage (Voc)	46.74V
Short-Circuit Current (Isc)	9.399A
Solar Cell Efficiency (%)	19.76%
Solar Module Efficiency (%)	17.52
Operating Temperature	-40to85℃
Maximum System 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)	47℃+/-2℃
Temperature Coefficient of Pmax	-0.47%/℃
Temperature Coefficient of VOC	-0.346%/℃
Temperature Coefficient of ISC	+0.036%/℃
Solar cells	Mono156*156mm
No.of cells	72 (6×12)
Dimensions	1956mm*992mm*40
Weight	22.5kg
Glass	3.2mm tempered glas
Frame	Anodized aluminum alloy
Junction box	PV--YH0906/PV-JB002
Connector	Plug and socket
Output cables	PV 4.0mm²,0.9m
1*20'	
1*40'	
1*40'HQ	

IV-Curves



Engineering Drawings