Polycrown Solar

Photovoltaic Module
Monocrystalline60

KEY FEATURES

High module efficiency through
superior manufacturing technology

No power loss thanks to improved temperature co-efficient caused by 5 busbar solar cell

EL

Strictly control the micro-crack of solar cells and the other non visible defect of internal modules

5400 Pa

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

IEC 1000V

Manufactured according to and certified international I Quality and Environment Management System

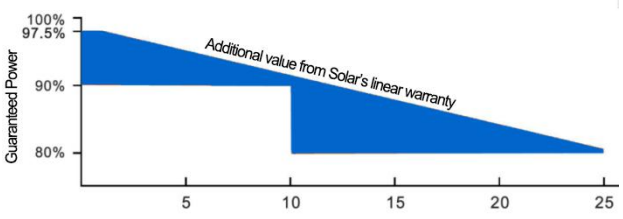
Using advanced low reflection and high light transmission glass and cell sheet surface cutting technology, in the weak light environment can also play a good performance.

Certificates

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

Warranties

- 10 years product warranty
- 25 years power warranty



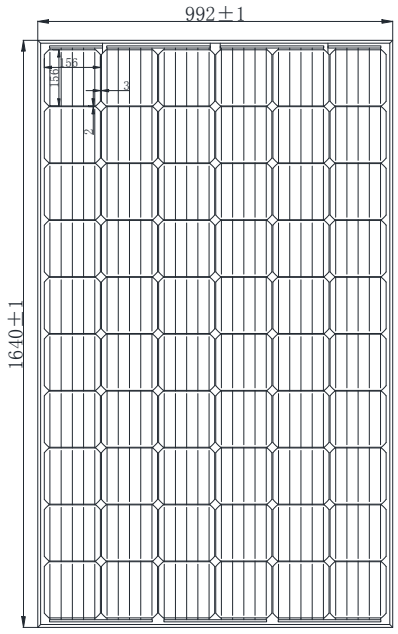
Electrical Characteristics

Model	NS-250S6	NS-260S6	NS-270S6	NS-280S6	NS-290S6
Maximum Power at STC(Pmax)	250W	260W	270W	280W	290W
Optimum Operating Voltage (Vmp)	30.72V	30.92V	31.14V	31.18V	31.22V
Optimum Operating Current (Imp)	8.138A	8.409A	8.671A	8.98A	9.289A
Open-Circuit Voltage (Voc)	36.91V	37.36V	37.4V	37.44V	37.48V
Short-Circuit Current (Isc)	9.031A	9.279A	9.626A	9.972A	10.317A
Solar Cell Efficiency (%)	17.44	18.13	18.83	19.53	20.23
Solar Module Efficiency (%)	15.37	15.98	16.60	17.21	17.83
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 cell	Mono156*156mm
No.of cells	60 (6×10)
Dimensions	1640mm*992mm*35mm
Weight	18kg
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'	300 pcs
1*40'	728 pcs
1*40'HQ	784pcs

Engineering Drawings



IV-Curves