

Photovoltaic Module Polycrystalline60

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 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.



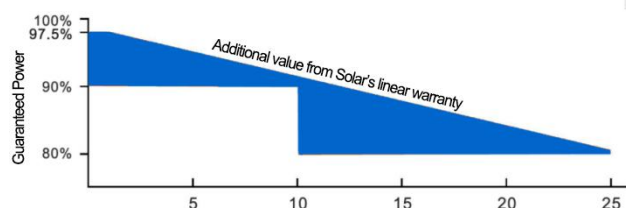
Certificates

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



Warranties

- 10 years product warranty
- 25 years power warranty



Electrical Characteristics



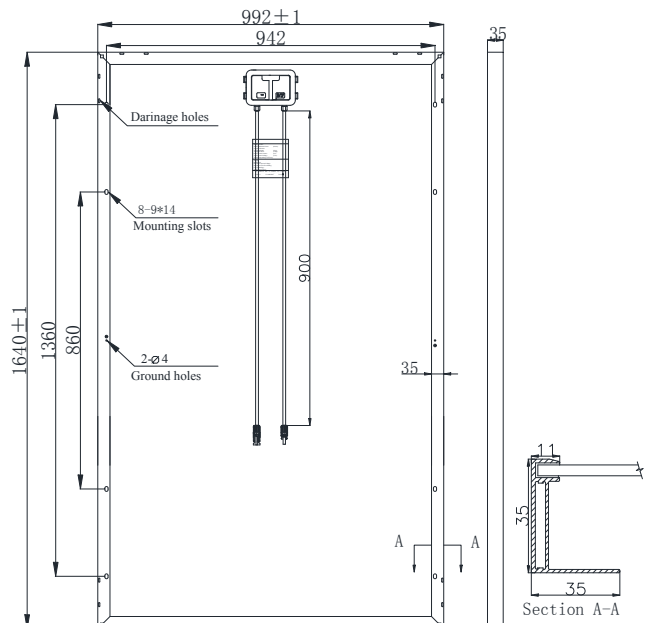
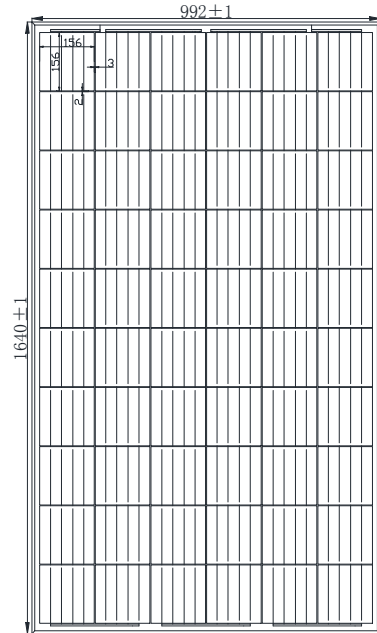
Polycrown Solar

Model	NS-250P6-20	NS-255P6-20	NS-260P6-20	NS-265P6-20	NS-275P6-20
Maximum Power at STC(Pmax)	250W	255W	260W	265W	275W
Optimum Operating Voltage (Vmp)	30.68V	30.91V	30.92V	30.93V	30.97V
Optimum Operating Current (Imp)	8.15A	8.25A	8.41A	8.57A	8.88A
Open-Circuit Voltage (Voc)	36.9V	37.2V	37.9V	37.92V	37.96V
Short-Circuit Current (Isc)	9.033A	9.140A	9.147A	9.318A	9.659A
Solar Cell Efficiency (%)	17.46	17.81	18.16	18.51	19.21
Solar Module Efficiency (%)	15.37	15.67	15.98	16.29	16.90
Operating Temperature	-40to85°C				
Maximum System Voltage	DC1000				
Maximum Series Fuse Rating	15A				
Power Tolerance	0~+3%				
STC:Irradiance 1000W/m ² ,Modules Temperature 25°C,AM=1.5					

Temperature Coefficient and Mechanical Characteristics

Nominal Operating Cell Temperature (NOCT)	47°C+/-2°C
Temperature Coefficient of Pmax	-0.47%/°C
Temperature Coefficient of VOC	-0.346%/°C
Temperature Coefficient of ISC	+0.036%/°C
Solar cell	Poly156*156mm
No.of cells	60 (6*10)
Dimensions	1640mm*992mm*35mm
Weight	19kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	IP65/IP67 rated
Connector	Plug and socket
Output cables	PV 4.0mm ² ,0.9m
1*20'	/
1*40'	/
1*40'HQ	900pcs

Engineering Drawings



IV-Curves

