

For a Free Quote:

Web: **EnergyPal.com/solar**

Call: **1-800-990-3725**

Email: **contact@energypal.com**

EnergyPal

Solar Panel Guide Specification Data Sheet

**PolyCrown Solar Tech
Black Mono 350-385S6
black NS-380S6**

Also available on the web at
EnergyPal.com/polycrown-solar-tech-solar-panels/black-ns-380s6

Photovoltaic Module Monocrystalline 72

KEY FEATURES



High module efficiency through superior manufacturing technology



No power loss thanks to improved temperature co-efficient caused by 4 or 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.



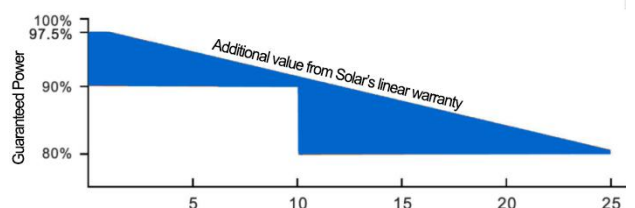
Certificates

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



Warranties

- 10 years product warranty
- 25 years power warranty



Electrical Characteristics



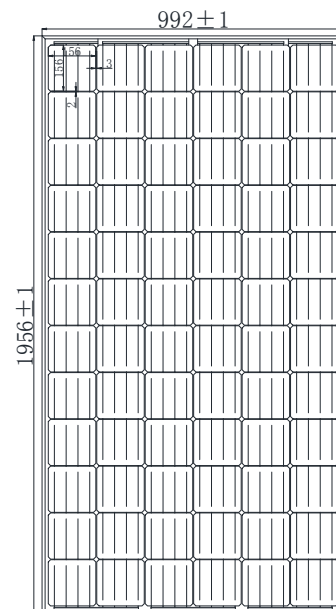
Polycrown Solar

Model	NS-350S6-24	NS-355S6-24	NS-360S6-24	NS-365S6-24	NS-370S6-24
Maximum Power at STC(Pmax)	350W	355W	360W	365W	370W
Optimum Operating Voltage (Vmp)	38.11V	38.19V	38.27V	38.35V	38.43V
Optimum Operating Current (Imp)	9.184A	9.296A	9.407A	9.518A	9.628A
Open-Circuit Voltage (Voc)	46.89V	46.97V	47.05V	47.13V	47.21V
Short-Circuit Current (Isc)	9.643A	9.764A	9.885A	10.058A	10.178A
Solar Cell Efficiency (%)	20.34	20.63	20.92	21.25	21.54
Solar Module Efficiency (%)	18.04	18.30	18.56	18.81	19.07
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	Mono156*156mm
No.of cells	72 (6*12)
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'	300pcs
1*40'	610pcs
1*40'HQ	676pcs

Engineering Drawings



IV-Curves

