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**Solar Panel Guide
Specification Data Sheet**

**PolyCrown Solar Tech
NS-350S-385S6
NS-380S6**

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

Photovoltaic Module Monocrystalline72

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.



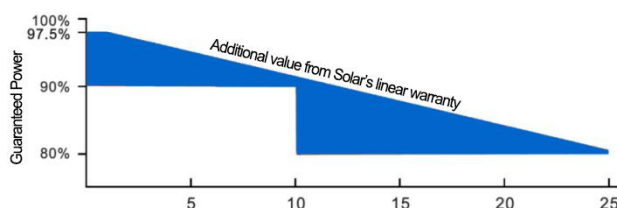
Certificates

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



Warranties

- 10 years product warranty
- 25 years power warranty



Electrical Characteristics



Polycrown Solar

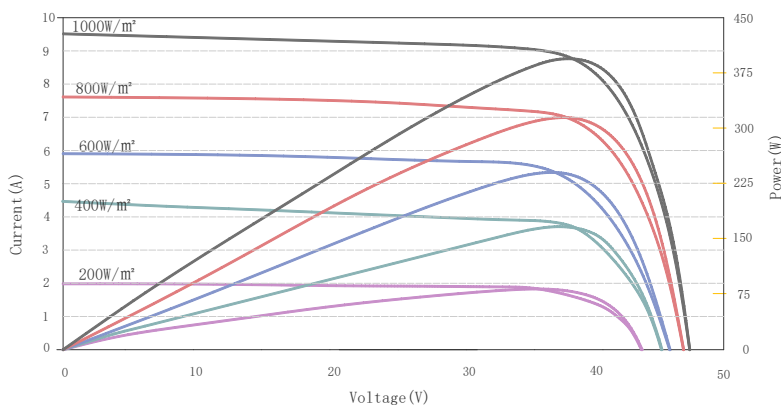
Model	NS-380S6-24	NS-385S6-24
Maximum Power at STC(Pmax)	380W	385W
Optimum Operating Voltage (Vmp)	38.59V	38.67V
Optimum Operating Current (Imp)	9.848A	9.957A
Open-Circuit Voltage (Voc)	47.38V	47.46V
Short-Circuit Current (Isc)	11.458A	11.589A
Solar Cell Efficiency (%)	22.38	22.64
Solar Module Efficiency (%)	19.58	19.84
Operating Temperature	-40to85℃	
Maximum System Voltage	DC1000	
Maximum Series Fuse Rating	15A	
Power Tolerance	0~+3%	
STC:Irradiance 1000W/m²,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	Mono158.75*158.75mm
No.of cells	72 (6×12)
Dimensions	1956mm*992mm*40mm
Weight	22kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	IP67 Rated
Connector	MC4 connector
Output cables	PV 4.0mm²,0.9m
1*20'	300pcs
1*40'	/
1*40'HQ	720pcs

IV-Curves

Current-Voltage&Power-Voltage Curve



Engineering Drawings

