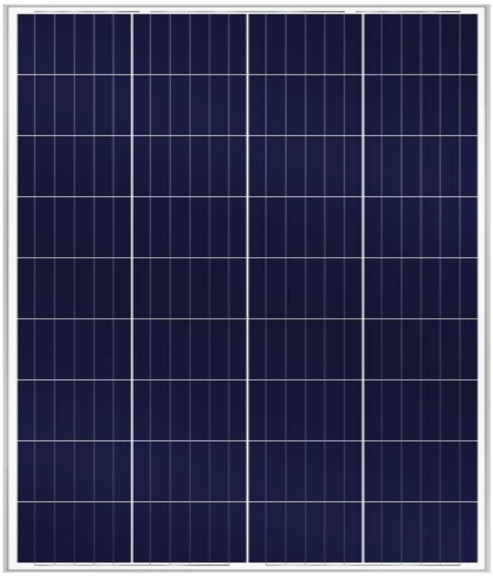
PWSOLAR
120W
POLYCRYSTALLINE MODULE



ADVANCED PERFORMANCE & PROVEN ADVANTAGES

- High module conversion efficiency up to 19.73% by using innovative Half-cell design and Multi-busbar(MBB) cell technology.
- Low temperature coefficient and excellent performance under high temperature and low light conditions.
- Robust aluminum frame ensures the modules to withstand wind loads up to 2400Pa and snow loads up to 5400Pa.
- High reliability against extreme environmental conditions (passing salt mist, ammonia and hail tests).
- Potential induced degradation (PID) resistance.
- Positive power tolerance of 0 ~ +5w.

ELECTRICAL CHARACTERISTICS AT STC

Model	PW120Wp-36P
Maximum Power (P_{max})	120W
Power Tolerance	0 ~ + 5W
Open Circuit Voltage (VOC)	22.85V
Short Circuit Current (ISC)	6.95A
Voltage at Nominal Power (Vmp)	18.13V
Current at Nominal Power (Imp)	6.62A
Size of Module	790 x 770 x 25mm
Standard Test condition	Irradiance:1000W/M2 Temp: 25ºC , & AM :1.5G spectrum
Maximum system voltage	1000V DC
Operating temperature	- 40°C to +85°C
Module Effieiency	19.73%

ELECTRICAL CHARACTERISTICS AT STC

NOCT	45 +/‧2°C
Voltage temperature coefficient(Voc)	-0.330%/°C
Current temperature coefficient I sc)	+0.058%/°C
Power temperature coefficient(Pmpp)	-0.400%/°C
Minimum power tolerance	+/-10%
NOCT	45 +/‧2°C

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sales@pwsolarpower.com info@pwsolarpower.com www.pwsolarpower.com

MECHANICAL CHARACTERISTICS

Cell Type	Polycrystalline
Number of cell	36pcs (4 x 9)
Size of Module	790 x 770 x 25mm
Weight	About 5.50kgs
Front Cover	3.2mm tempered glass with AR coating
Frame	Anodized aluminum alloy
Junction Box	IP67, 3 diodes
Cable	$4mm^2$ ($0.006inches^2$), 900mm (11.81inches)
Connector	MC4 or MC4 compatible

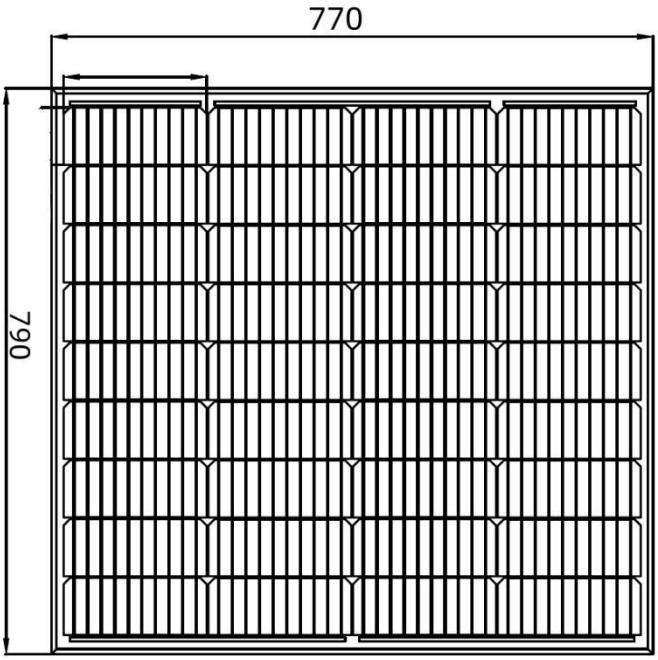
MODULE WARRANTY

25-year limited warranty of 80% power output; 10-year limited warranty of 90% power output; 5-year limited warranty of materials and workmanship.

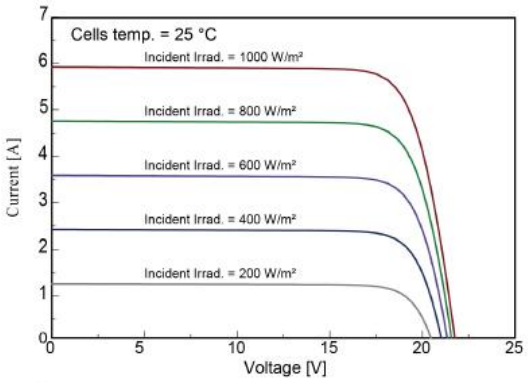
PACKING

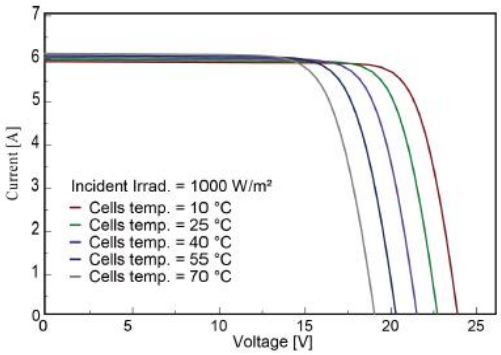
Standard Packing: 120pcs/Pallet Module Quantity of 20' container: 1200pcs Module Quantity of 40' container: 2700pcs

ENGINEERING DRAWING



IV CURVES





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Specifications in this data sheet are subject to change without prior notice