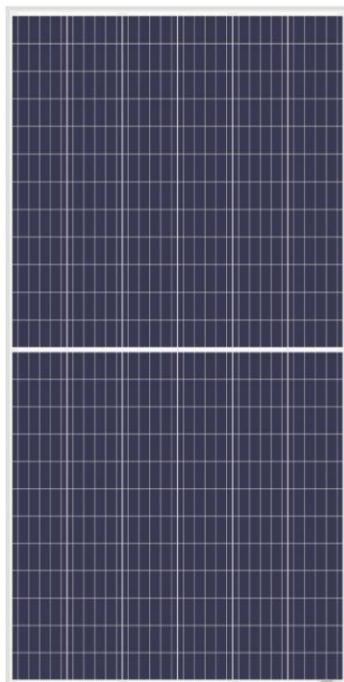


# PWSOLAR

## 360W 144 cells series

### POLYCRYSTALLINE MODULE



#### ADVANCED PERFORMANCE & PROVEN ADVANTAGES

- ◆ High module conversion efficiency up to 18.24% 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	PW360Wp-144P
Maximum Power ( $P_{max}$ )	360W
Power Tolerance	0 ~ + 5W
Open Circuit Voltage (VOC)	47.00V
Short Circuit Current (ISC)	9.76A
Voltage at Nominal Power ( $V_{mp}$ )	39.00V
Current at Nominal Power ( $I_{mp}$ )	9.24A
Size of Module	2008 x 1002 x 35mm
Standard Test condition	Irradiance:1000W/M2 Temp: 25°C , & AM :1.5G spectrum
Maximum system voltage	1000VDC/1500VDC
Operating temperature	- 40°C to +85°C
Module Efficiency	18.24%

#### ELECTRICAL CHARACTERISTICS AT STC

NOCT	45 +/- 2°C
Voltage temperature coefficient( $V_{oc}$ )	-0.330%/°C
Current temperature coefficient ( $I_{sc}$ )	+0.058%/°C
Power temperature coefficient( $P_{mpp}$ )	-0.400%/°C
Minimum power tolerance	+/-10%
NOCT	45 +/- 2°C



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## MECHANICAL CHARACTERISTICS

Cell Type	Polycrystalline
Number of cell	144pcs (2 x 72)
Size of Module	2008 x 1002 x 35mm
Weight	About 22.00kgs
Front Cover	3.2mm tempered glass with AR coating
Frame	Anodized aluminum alloy
Junction Box	IP68, 3 diodes
Cable	4mm <sup>2</sup> (0.006inches <sup>2</sup> ), Portrait : 300mm, Landscape: 1200mm
Connector	MC4 or MC4 compatible
Maximum Load Capacity(Pa)	2400(wind load)/2400(snow load)

## MODULE WARRANTY

12 year limited product; limited linear power warranty: 12 year 91.20% of nominal power output, 30 year 80.60% of nominal power output.  
20 years product warranty; 30 years linear power output warranty

## PACKING

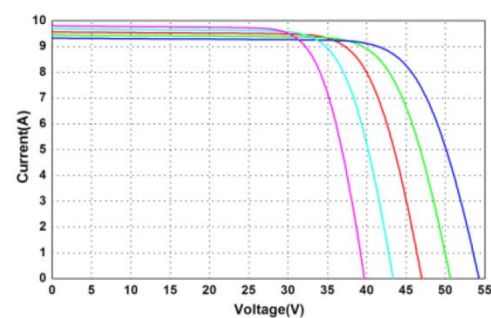
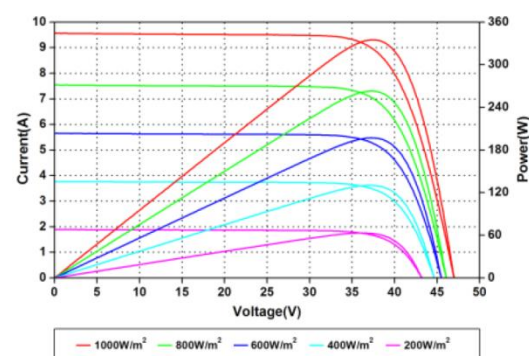
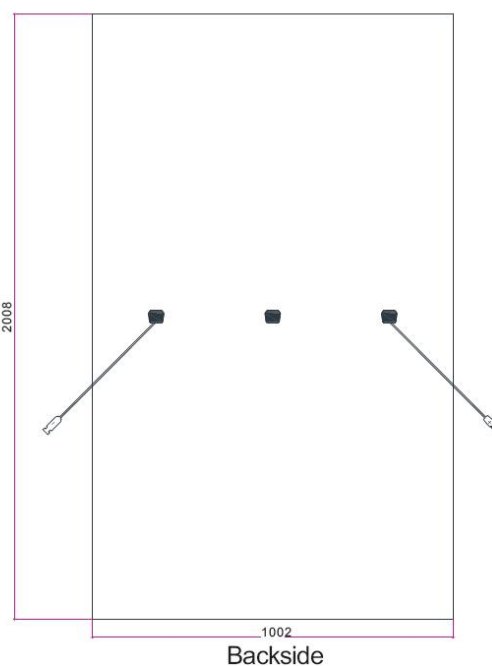
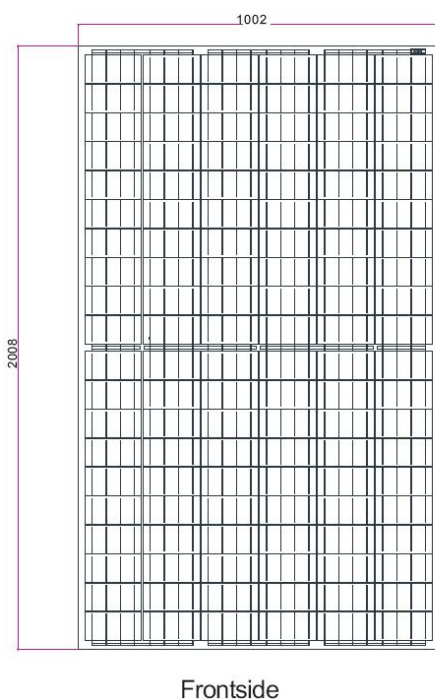
Standarding Packing: 31pcs/Pallet

Module Quantity of 20' container:300pcs

Module Quantity of 40' container: 704pcs

## ENGINEERING DRAWING

## IV CURVES



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Specifications in this datasheet are subject to change without prior notice