

PWSOLAR

340W

POLYCRYSTALLINE MODULE



ADVANCED PERFORMANCE & PROVEN ADVANTAGES

- ◆ High module conversion efficiency up to 17.15% by using innovative 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.
- ◆ Power tolerance of $\pm 5\%$.

ELECTRICAL CHARACTERISTICS AT STC

Model	PW340Wp-72P
Maximum Power (P_{max})	340W
Power Tolerance	$\pm 5\%$
Open Circuit Voltage (VOC)	46.30V
Short Circuit Current (ISC)	9.52A
Voltage at Nominal Power (V_{mp})	37.70V
Current at Nominal Power (I_{mp})	9.02A
Size of Module	1956 x 992 x 35mm
Standard Test condition	Irradiance:1000W/M2 Temp: 25°C , & AM :1.5G spectrum
Maximum system voltage	1000V DC/1500V DC
Operating temperature	- 40°C to +85°C
Module Efficiency	17.15%

ELECTRICAL CHARACTERISTICS AT STC

NOCT	45 \pm 2°C
Voltage temperature coefficient(V_{oc})	-0.33%/°C
Current temperature coefficient (I_{sc})	+0.058%/°C
Power temperature coefficient(P_{mpp})	-0.400%/°C
Minimum power tolerance	+/-10%
NOCT	45 \pm 2°C



MECHANICAL CHARACTERISTICS

Cell Type	Polycrystalline
Number of cell	72pcs
Size of Module	1956 x 992 x 35mm
Weight	About 21.50kgs
Front Cover	3.2mm tempered glass with AR coating
Frame	Anodized aluminum alloy
Junction Box	IP67, 3 diodes
Cable	4mm ² (0.006inches ²), 1000mm (39.37inches)
Connector	MC4 or MC4 compatible

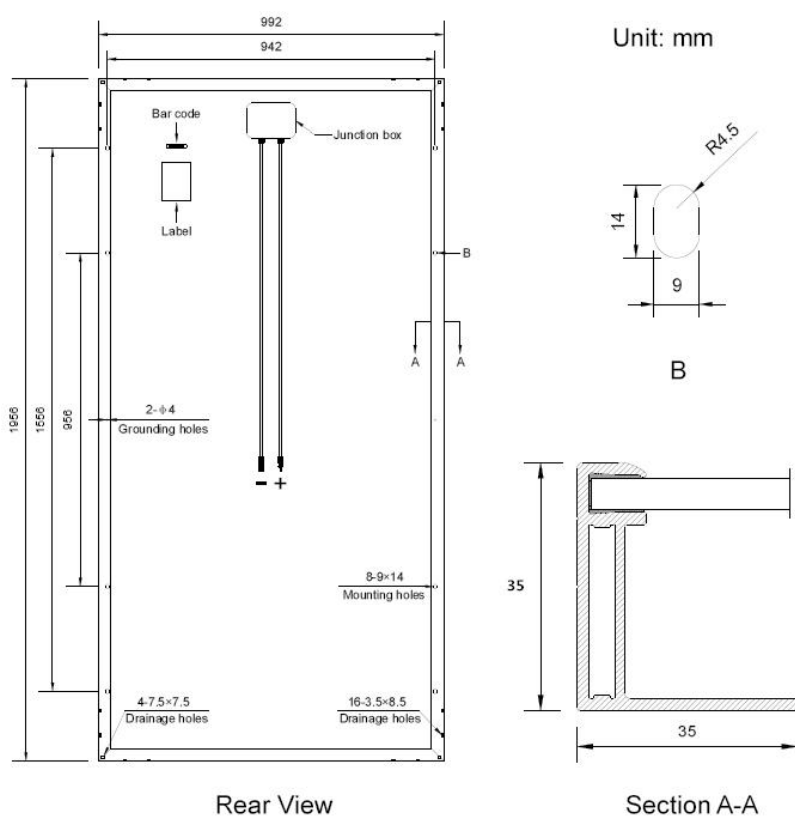
MODULE WARRANTY

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

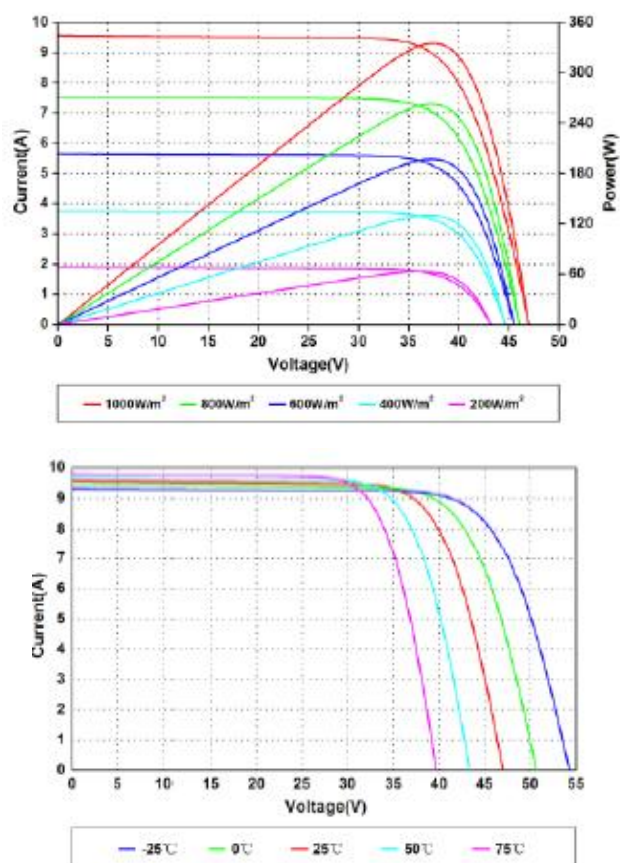
PACKING

Standarding Packing: 31pcs/Pallet Module Quantity of 20' container: 320pcs Module Quantity of 40' container: 812pcs

ENGINEERING DRAWING



IV CURVES



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