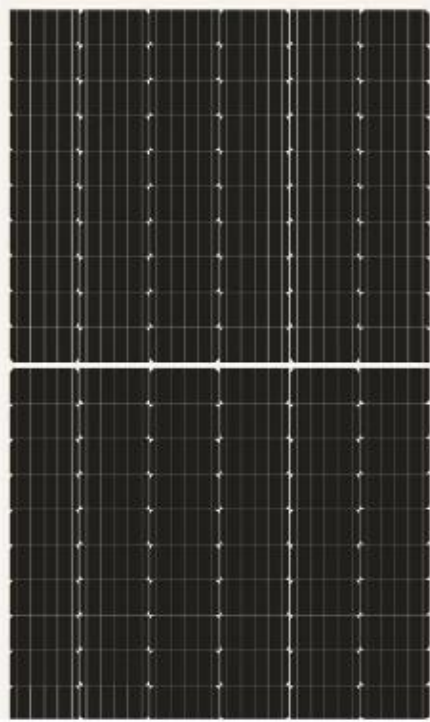


PWSOLAR

380W

MONOCRYSTALLINE MODULE



ADVANCED PERFORMANCE & PROVEN ADVANTAGES

- ◆ High module conversion efficiency up to 20.36% 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 | PW380Wp-120M |
| Maximum Power (P_{max}) | 380W |
| Power Tolerance | ±5% |
| Open Circuit Voltage (VOC) | 41.60V |
| Short Circuit Current (ISC) | 11.30A |
| Voltage at Nominal Power (V_{mp}) | 35.00V |
| Current at Nominal Power (I_{mp}) | 10.86A |
| Size of Module | 1756 x 1039 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 | 20.36% |

ELECTRICAL CHARACTERISTICS AT STC

| | |
|--|------------|
| NOCT | 45 +/- 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 +/- 2°C |



MECHANICAL CHARACTERISTICS

| | |
|----------------|---|
| Cell Type | Monocrystalline (166*83mm) |
| Number of cell | 120pcs (2 x 60) |
| Size of Module | 1756 x 1039 x 35mm |
| Weight | About 20.00kgs |
| Front Cover | 3.2mm tempered glass with AR coating |
| Frame | Anodized aluminum alloy |
| Junction Box | IP68, 3 diodes |
| Cable | 4mm ² (0.006inches ²), 300mm (11.81inches) |
| Connector | MC4 or MC4 compatible |

MODULE WARRANTY

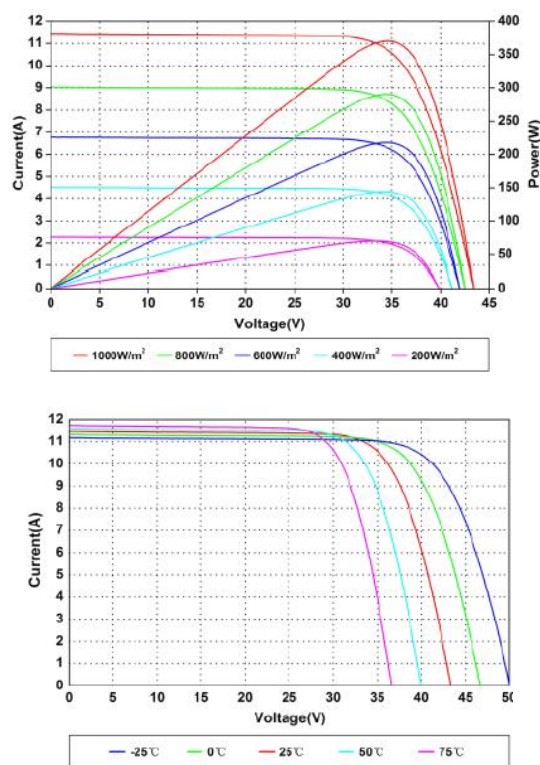
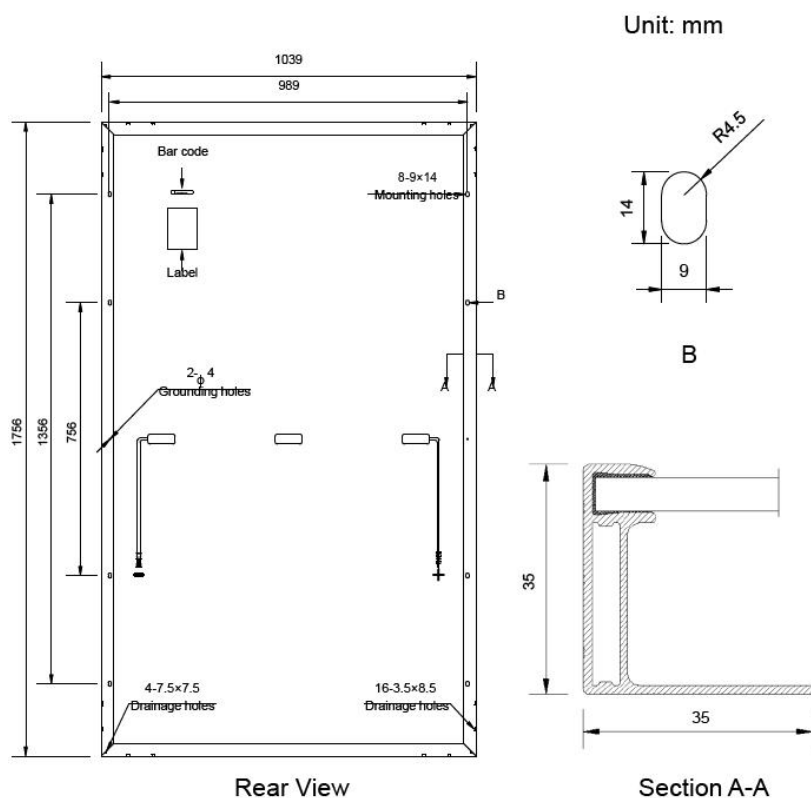
12 year limited product; limited linear power warranty: 12 year 91.20% of nominal power output, 30 year 80.60% of nominal power output.
 20 years product warranty; 30 years linear power output warranty

PACKING

Standarding Packing: 30pcs/Pallet Module Quantity of 20' container: 312pcs Module Quantity of 40' container: 816pcs

ENGINEERING DRAWING

IV CURVES



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Specifications in this datasheet are subject to change without prior notice