

P6

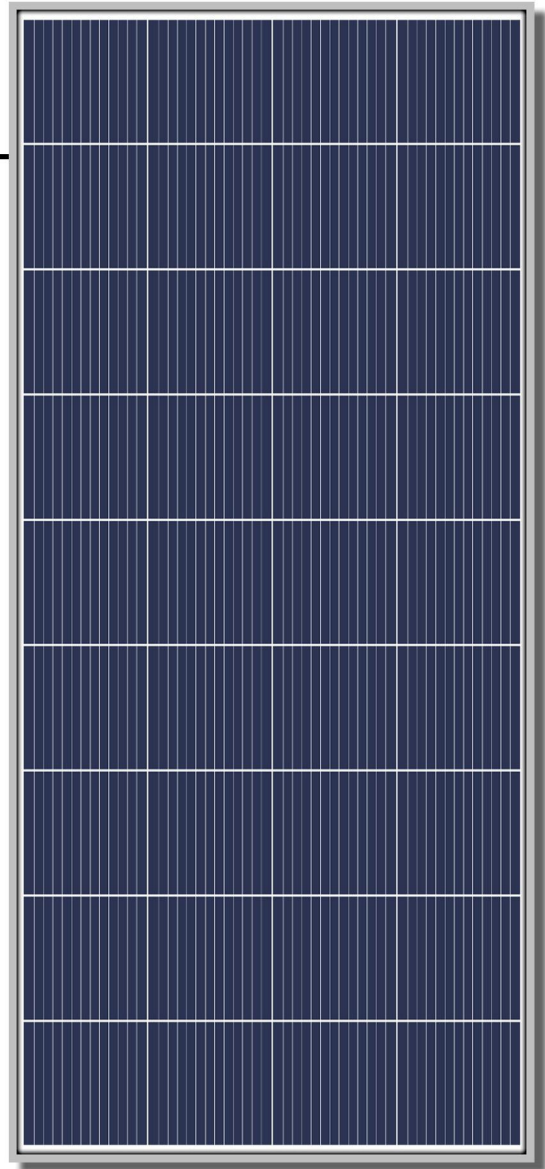
PERC

Conventional

AOX 6P 150W-170W

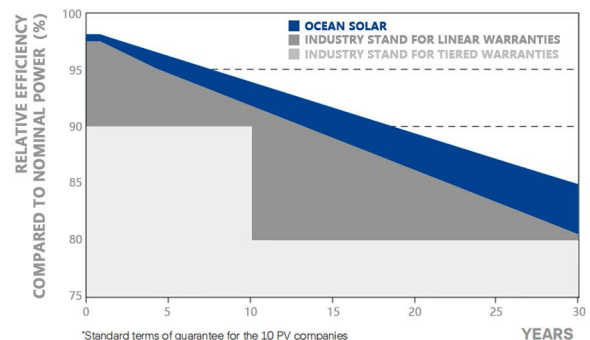
- Based on M6-157mm solar cells.
- Higher module quality ensures long-term reliability
- MBB Technology, better light trapping and current collection to improve module power output and reliability.
- Excellent Anti-PID performance guarantee via optimized mass production process and materials control

WORLD SHINES BECAUSE OF YOU



PRODUCT Warranty

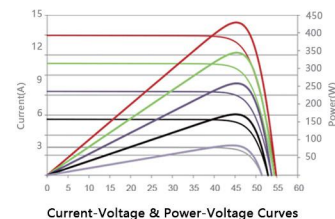
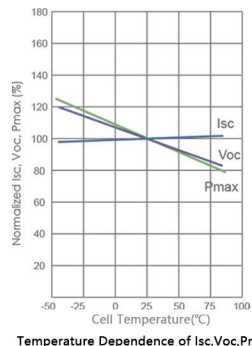
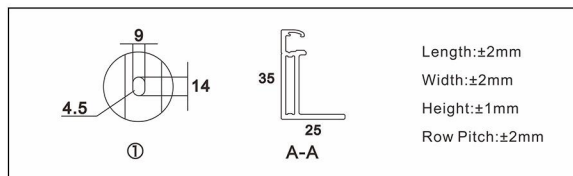
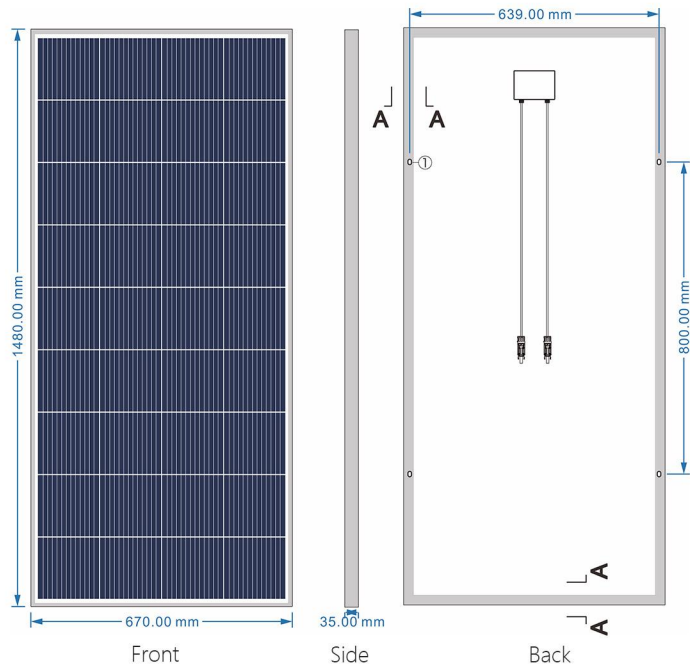
- 12-year Warranty for Materials and Processing
- 30-year Warranty for Extra Linear Power Output



*Standard terms of guarantee for the 10 PV companies with the highest production capacity in 2014 (as at: September 2014)

PRODUCT Certifications





Electrical Characteristics

STC : AM1.5 1000W/m² 25°C NOCT : AM1.5 800W/m² 20°C 1m/s Test uncertainty for Pmax: ±3%

| Module Type | AOX-6P 150W | AOX-6P 160W | AOX-6P 170W |
|----------------------------------|-------------|-------------|-------------|
| Testing Condition | STC | STC | STC |
| Maximum Power (Pmax/W) | 150Wp | 160Wp | 170Wp |
| Voltage at Maximum Power (Vmp/V) | 17.60V | 17.80V | 18.60V |
| Current at Maximum Power (Imp/A) | 8.53A | 9.10A | 9.14A |
| Open Circuit Voltage (Voc/V) | 22.60V | 22.80V | 23.60V |
| Short Circuit Current (Isc/A) | 9.01A | 9.73A | 9.78A |
| Module Efficiency(%) | 17.20% | 18.20% | 19.20% |

Mechanical Parameters

| | |
|------------------|--|
| Cell Orientation | 4*9 (36) solar half cells |
| Junction Box | IP 65/IP 67 |
| Output Cable | 4.0mm ² solar cable(IEC) (+)≥350mm (-)≥350mm or customized |
| Glass | 3.2mm, High Transmission, AR Coated Heat Strengthened Glass |
| Frame | 35mm Anodized Aluminium Alloy |
| Weight | 11.0 kg |
| Dimension | 1480*670*35mm |
| Packaging | 31pcs/pallets |

Mechanical Loading

| | |
|-----------------------------------|--------------------------------------|
| Front Side Maximum Static Loading | 5400Pa |
| Rear Side Maximum Static Loading | 2400Pa |
| Hailstone Test | 25mm Hailstone at the speed of 23m/s |

Product Warranty

| | |
|--|---------|
| Warranty for Materials and Processing | 12 Year |
| Warranty for Extra Linear Power Output | 30 Year |

Operating Parameters

| | |
|------------------------------------|-------------------------------|
| Operational Temperature | -40~+85 °C |
| Power Output Tolerance | 0~5W |
| Voc and Isc Tolerance | ±3% |
| Maximum System Voltage | 1000/1500VDC(IEC) |
| Maximum Series Fuse Rating | 25A |
| Nominal Operating Cell Temperature | 45±2°C |
| Protection Class | Class II |
| Fire Rating | UL type 1 or 2 IEC Class C |

Temperature Ratings (STC)

| | |
|---------------------------------|-----------|
| Temperature Coefficient of Isc | 0.06%/°C |
| Temperature Coefficient of Voc | -0.33%/°C |
| Temperature Coefficient of Pmax | -0.45%/°C |

Product Certifications



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Specifications included in this datasheet are subject to change without notice.

