

M6

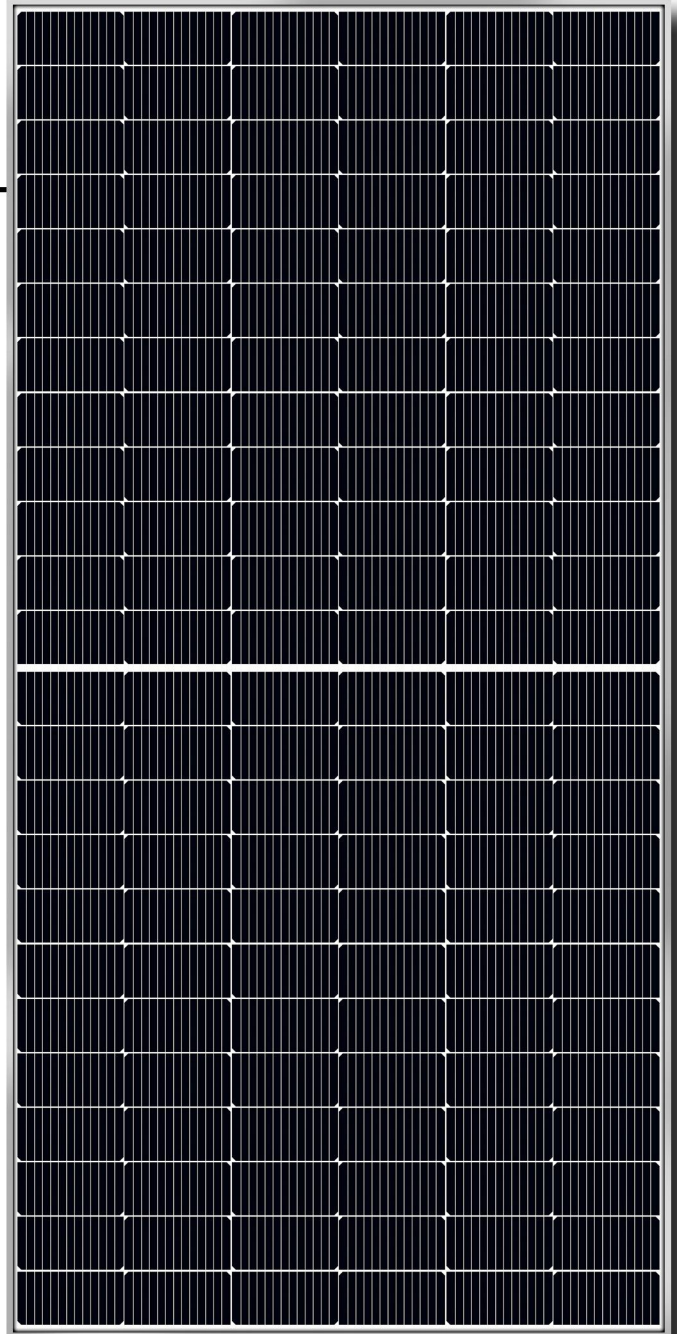
PERC

Conventional

AOX 72M6HC 450W-480W

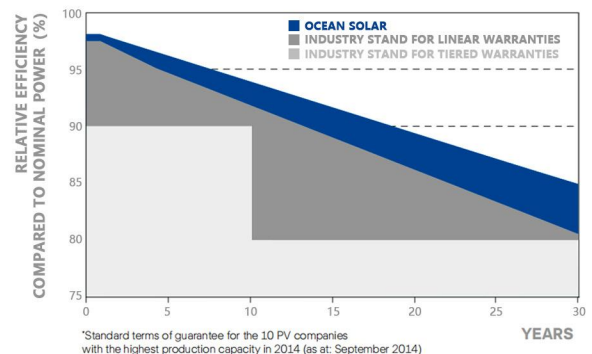
- Based on M6-166mm solar cells.
- Higher module quality ensures long-term reliability
- MBB Technology, better light trapping and current collection to improve module power output and reliability.
- Excellent Anti-PID performance guarantee via optimized mass production process and materials control

WORLD SHINES BECAUSE OF YOU



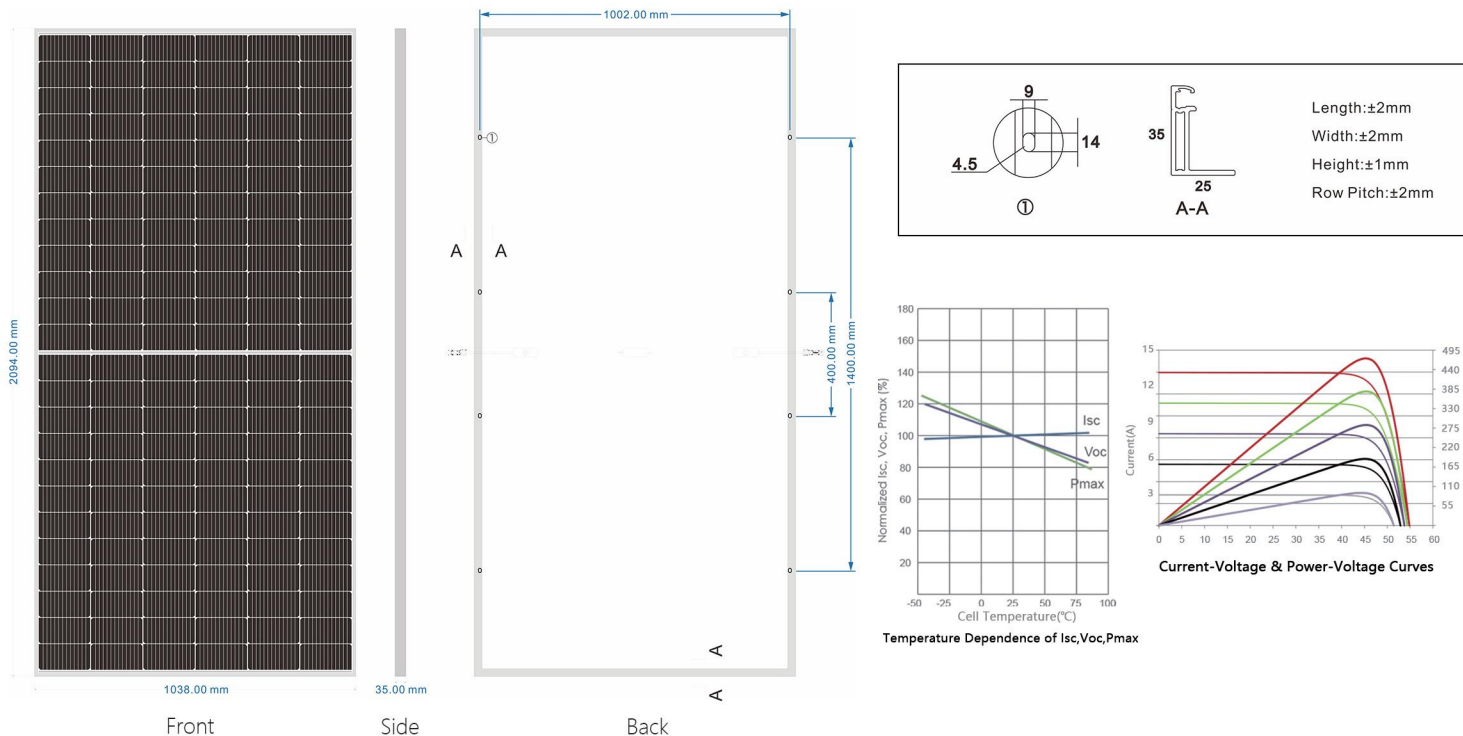
PRODUCT Warranty

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



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-72M6HC450W		AOX-72M6HC460W		AOX-72M6HC470W		AOX-72M6HC480W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	450Wp	340Wp	460Wp	348Wp	470Wp	355Wp	480Wp	363Wp
Voltage at Maximum Power (Vmp/V)	42.04V	39.59V	42.13V	39.68V	42.65V	40.16V	43.26V	40.64V
Current at Maximum Power (Imp/A)	10.70A	8.59A	10.92A	8.77A	11.01A	8.84A	11.10A	8.93A
Open Circuit Voltage (Voc/V)	50.01V	47.29V	50.10V	47.38V	50.31V	47.84V	50.61V	48.30V
Short Circuit Current (Isc/A)	11.30A	9.07A	11.45A	9.33A	11.53A	9.42A	11.61A	9.51A
Module Efficiency(%)	20.70%		21.20%		21.60%		22.00%	

Mechanical Parameters

Cell Orientation	6*20 (120) solar half cells
Junction Box	IP 68 3 diodes
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	19.2kg
Dimension	1755*1038*35mm
Packaging	31pcs/pallets,858pcs/ 40HQ Container

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	0.046%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Pmax	-0.30%/°C

Product Certifications



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

