

M6

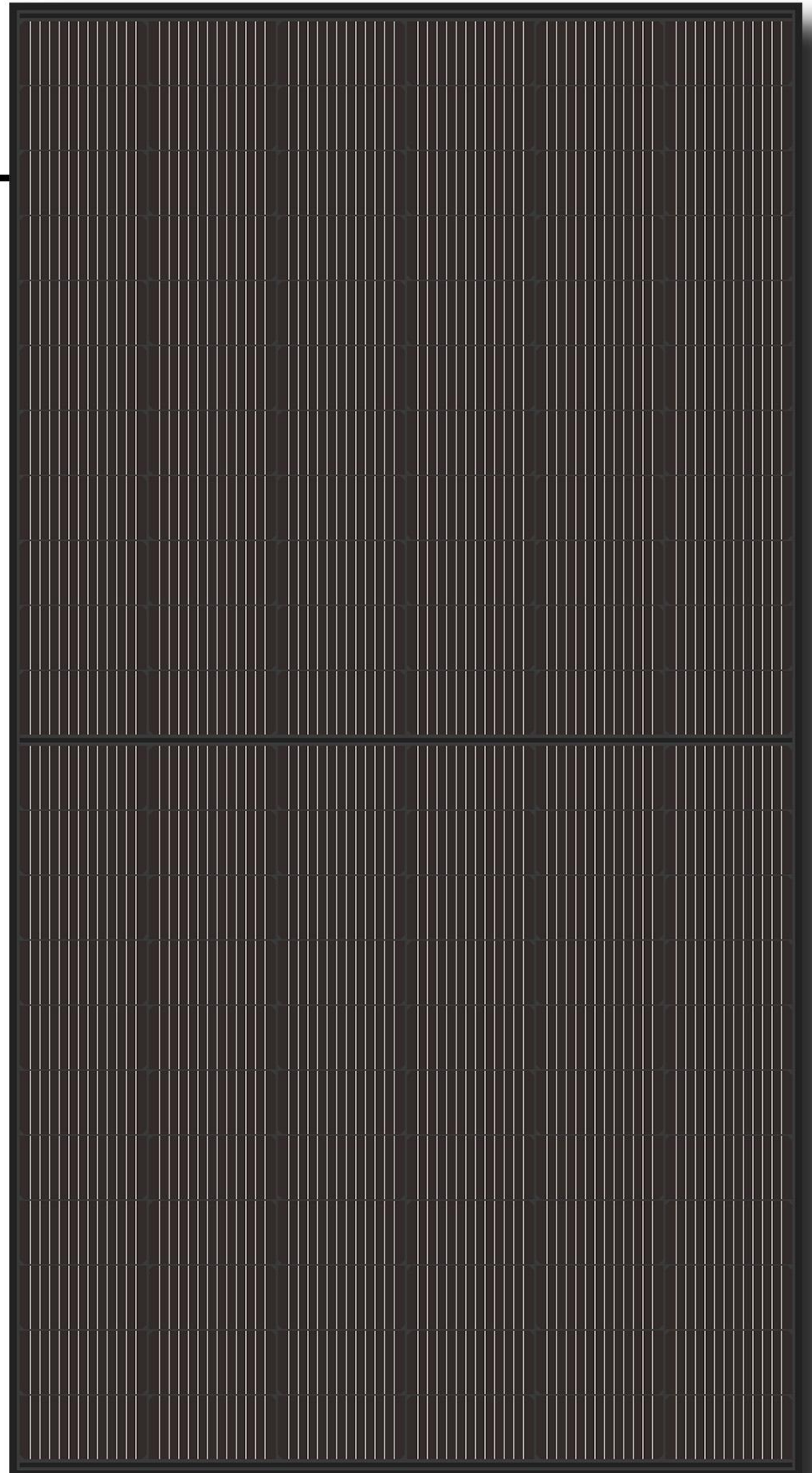
PERC

All Black

AOX 66M6HC 400W-415W

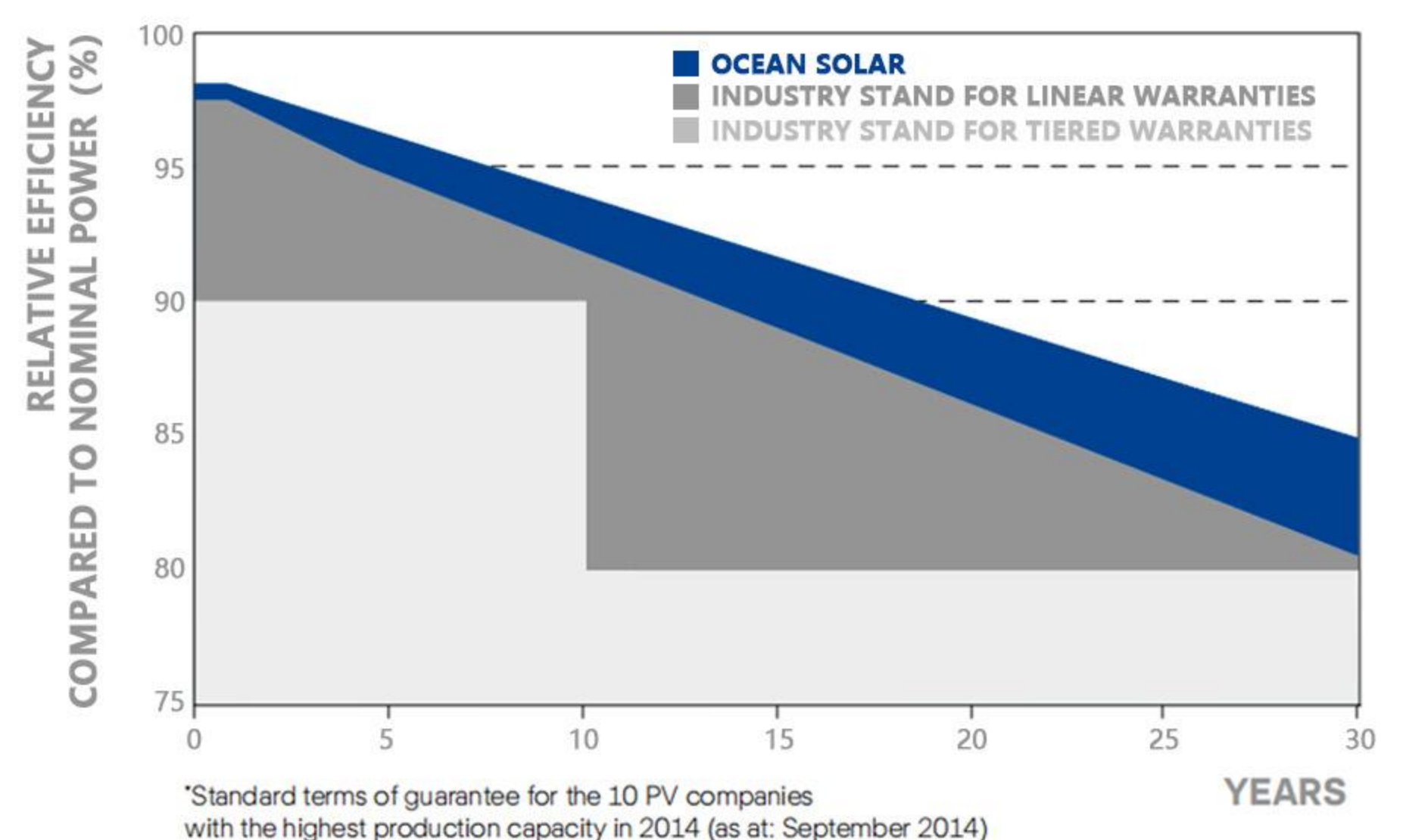
- Based on M6-166mm solar cells.
- Higher module quality ensures long-term reliability
- MBB Technology, better light trapping and current collection to improve module power output and reliability.
- Excellent Anti-PID performance guarantee via optimized mass production process and materials control

WORLD SHINES BECAUSE OF YOU



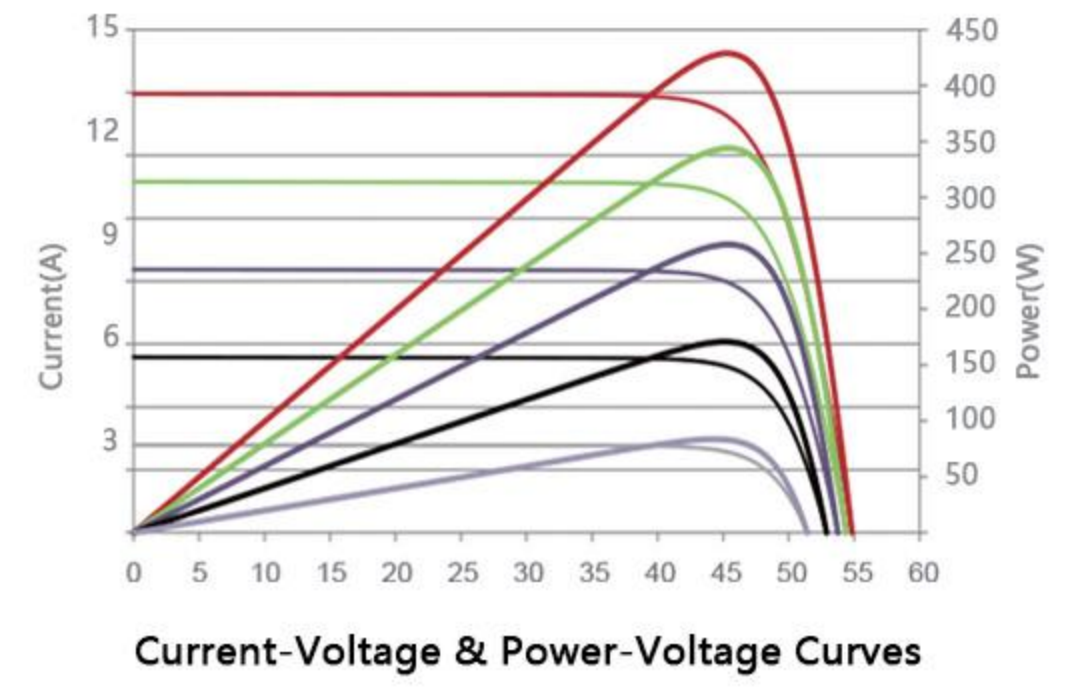
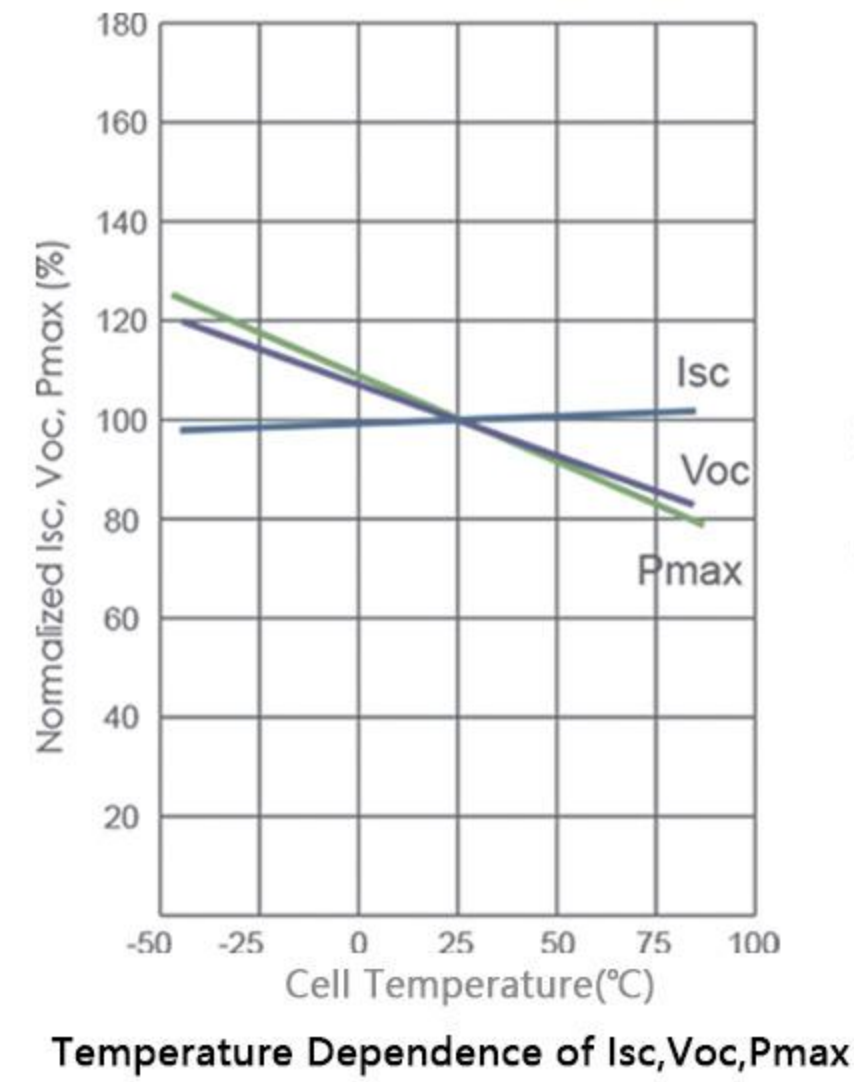
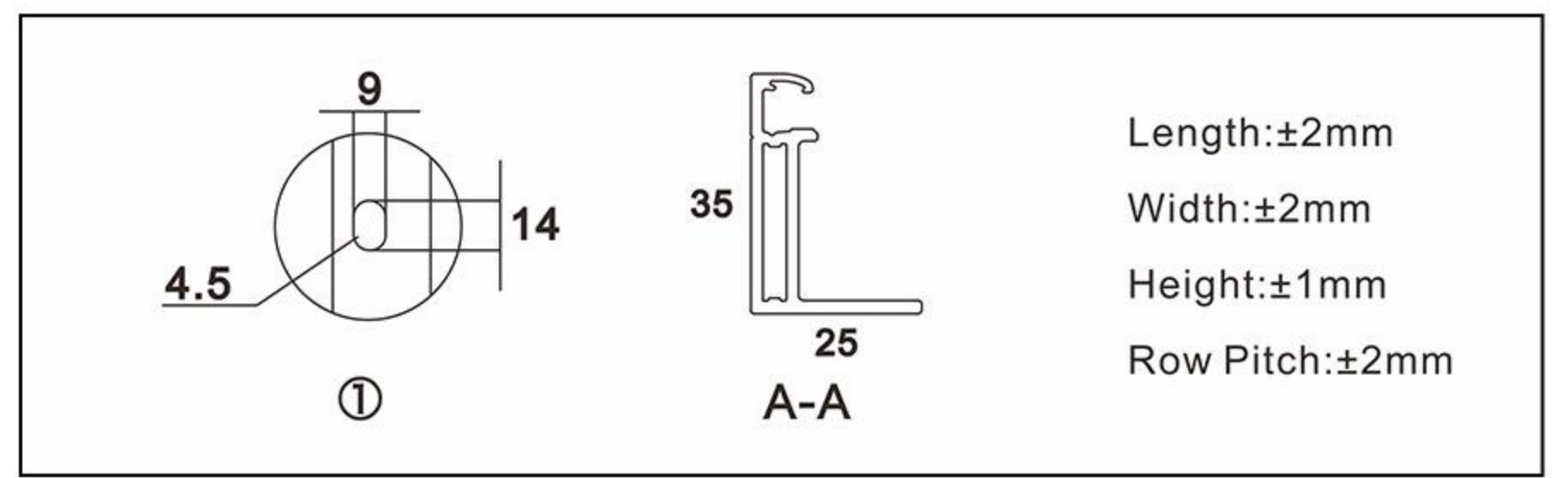
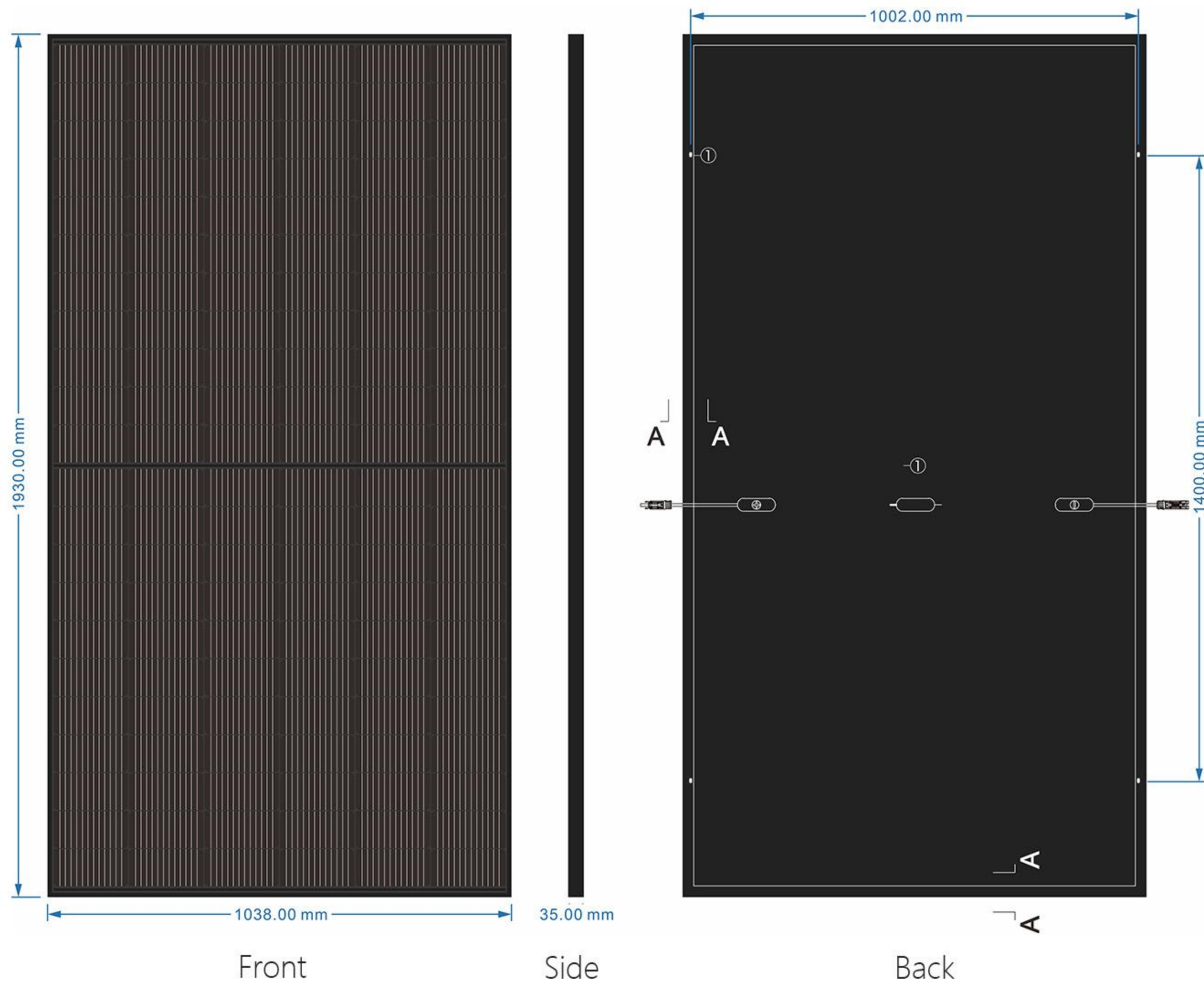
PRODUCT Warranty

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-66M6HC400W		AOX-66M6HC405W		AOX-66M6HC410W		AOX-66M6HC415W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	400Wp	298Wp	405Wp	301Wp	410Wp	305Wp	415Wp	310Wp
Voltage at Maximum Power (Vmp/V)	37.80V	33.80V	38.00V	34.00V	38.20V	34.20V	38.40V	34.60V
Current at Maximum Power (Imp/A)	10.58A	8.82A	10.66A	8.85A	10.71A	8.92A	10.80A	8.96A
Open Circuit Voltage (Voc/V)	45.40V	42.40V	45.60V	42.60V	45.90V	42.80V	46.00V	43.00V
Short Circuit Current (Isc/A)	11.17A	9.31A	11.26A	9.35A	11.30A	9.42A	11.40A	9.46A
Module Efficiency(%)	20.00%		20.20%		20.50%		21.00%	

Mechanical Parameters

Cell Orientation	6*22 (132) 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	21.0kg
Dimension	1930*1038*35mm
Packaging	31pcs/pallets,792pcs/ 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.

