

M10

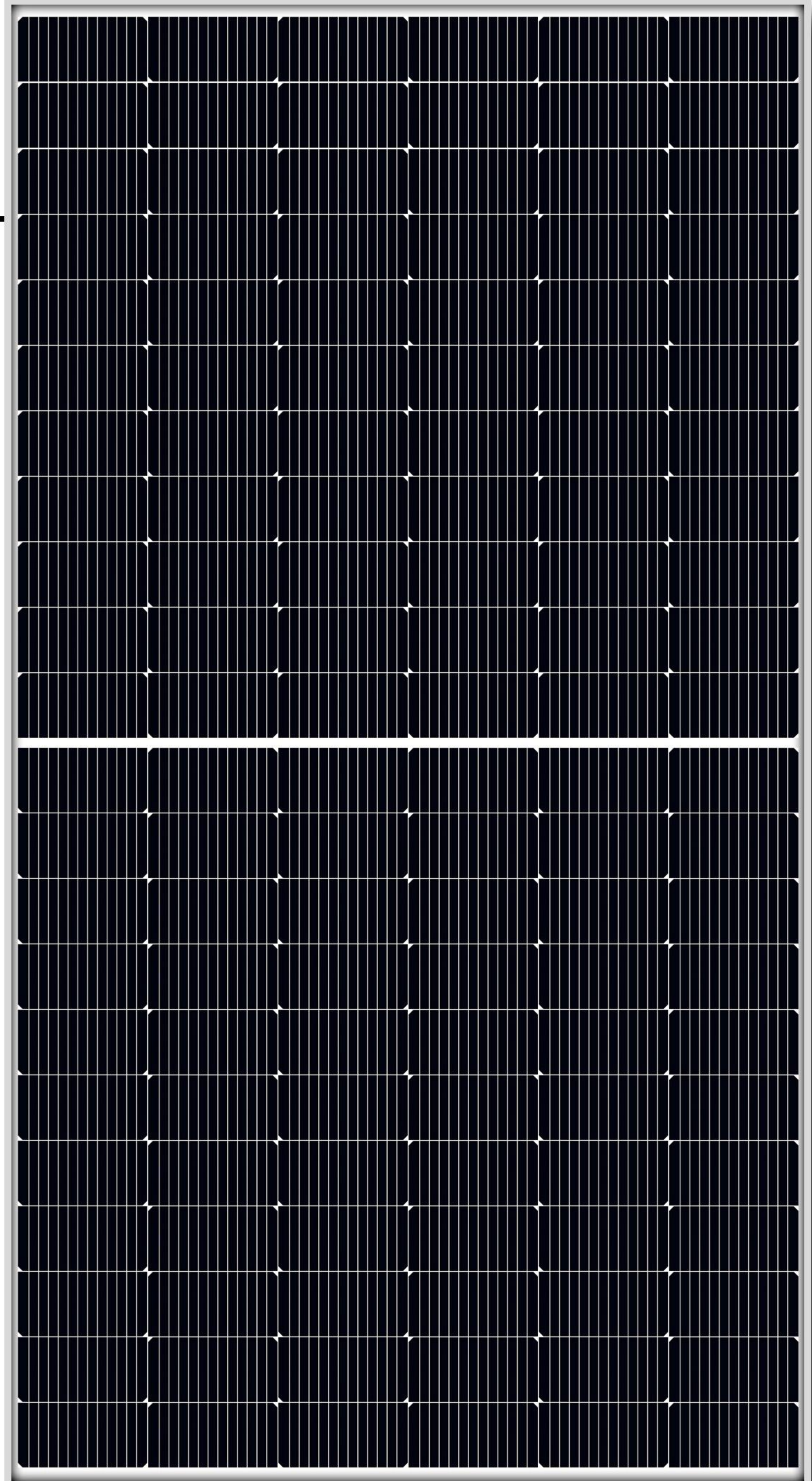
N-TopCon

Conventional

AOX 66M10HC

520W-535W

- Based on M10-182mm 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

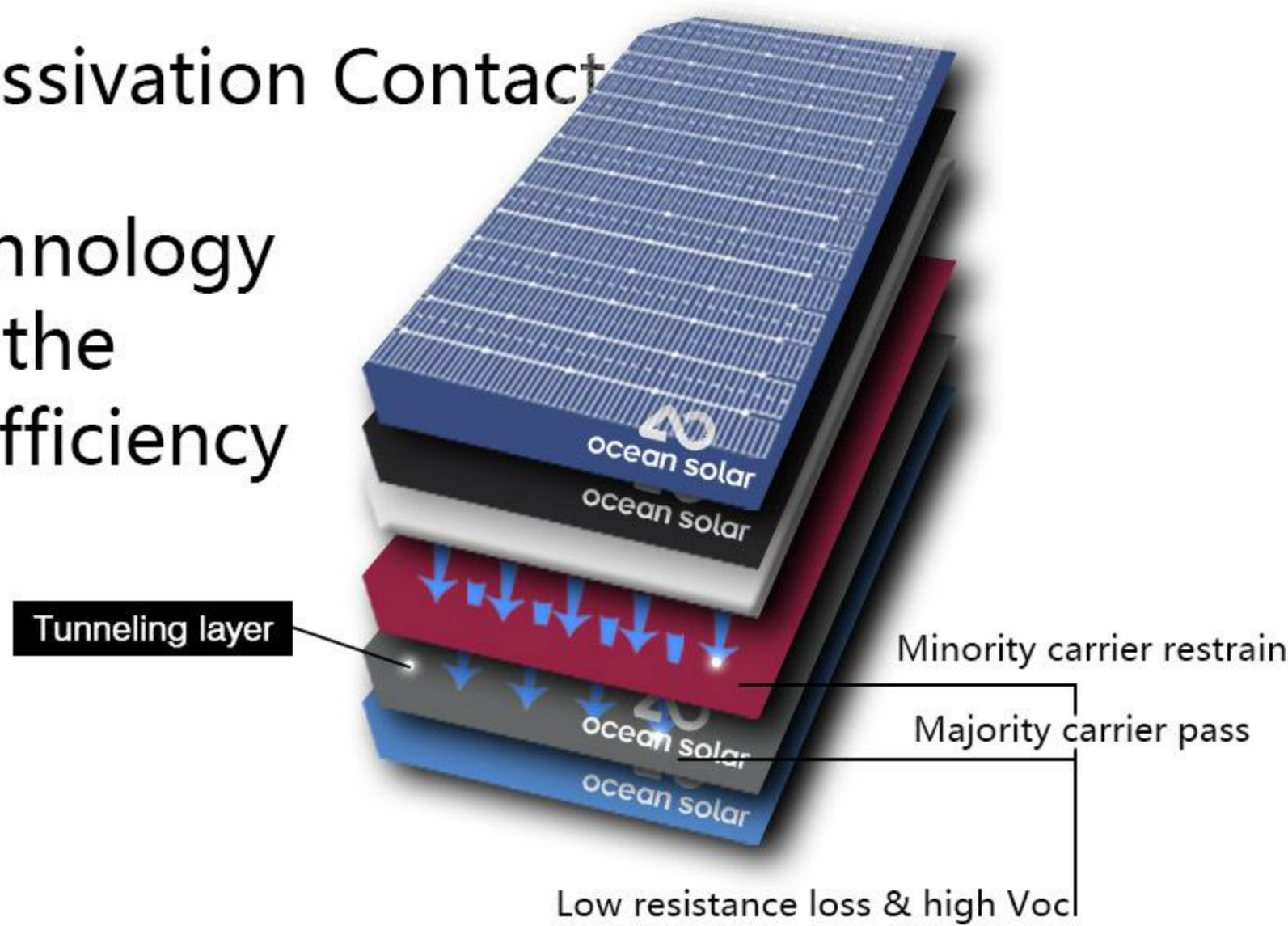


WORLD SHINES BECAUSE OF YOU

N-TopCon Technology Innovation

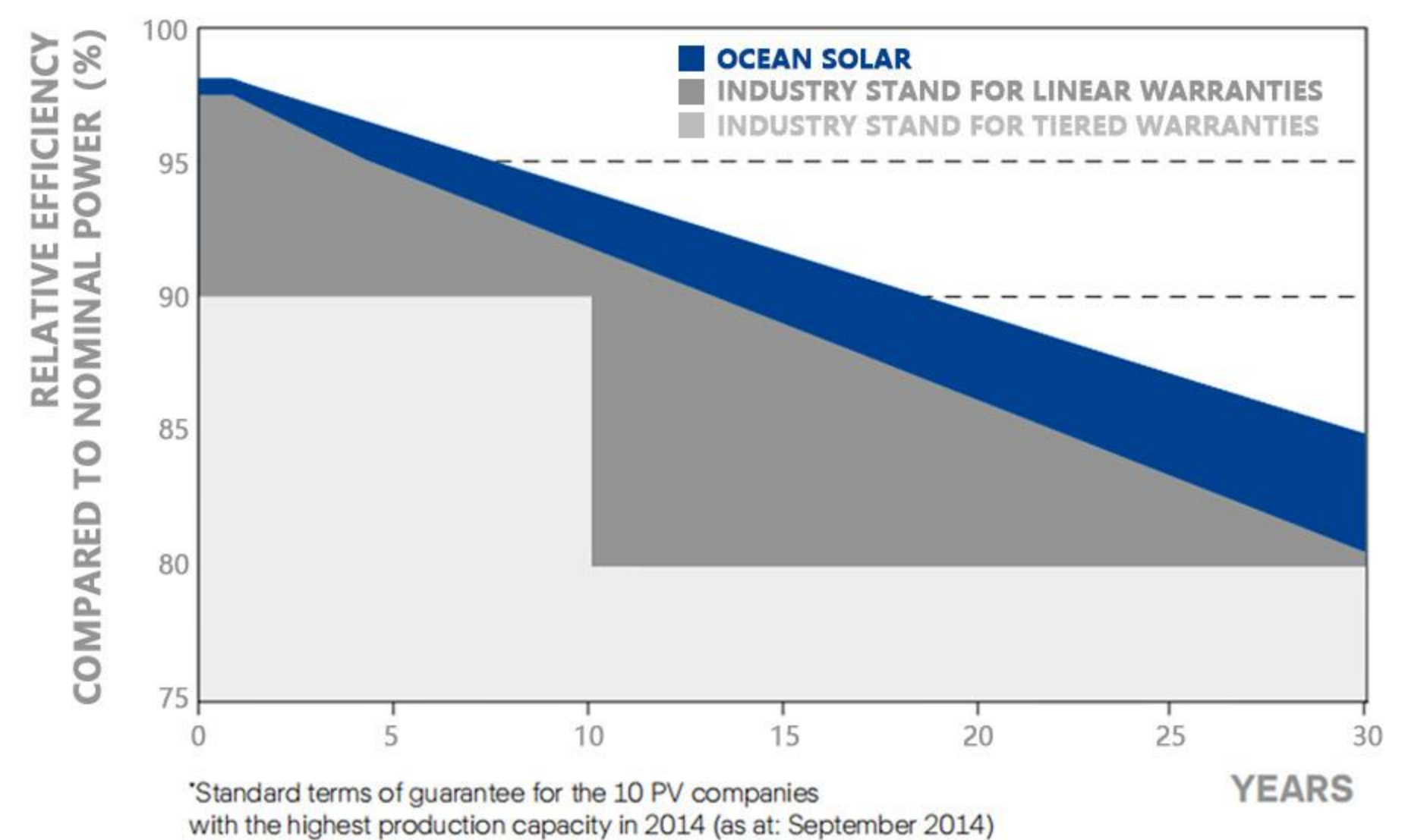
Selective Passivation Contact

The key technology determines the maximum efficiency



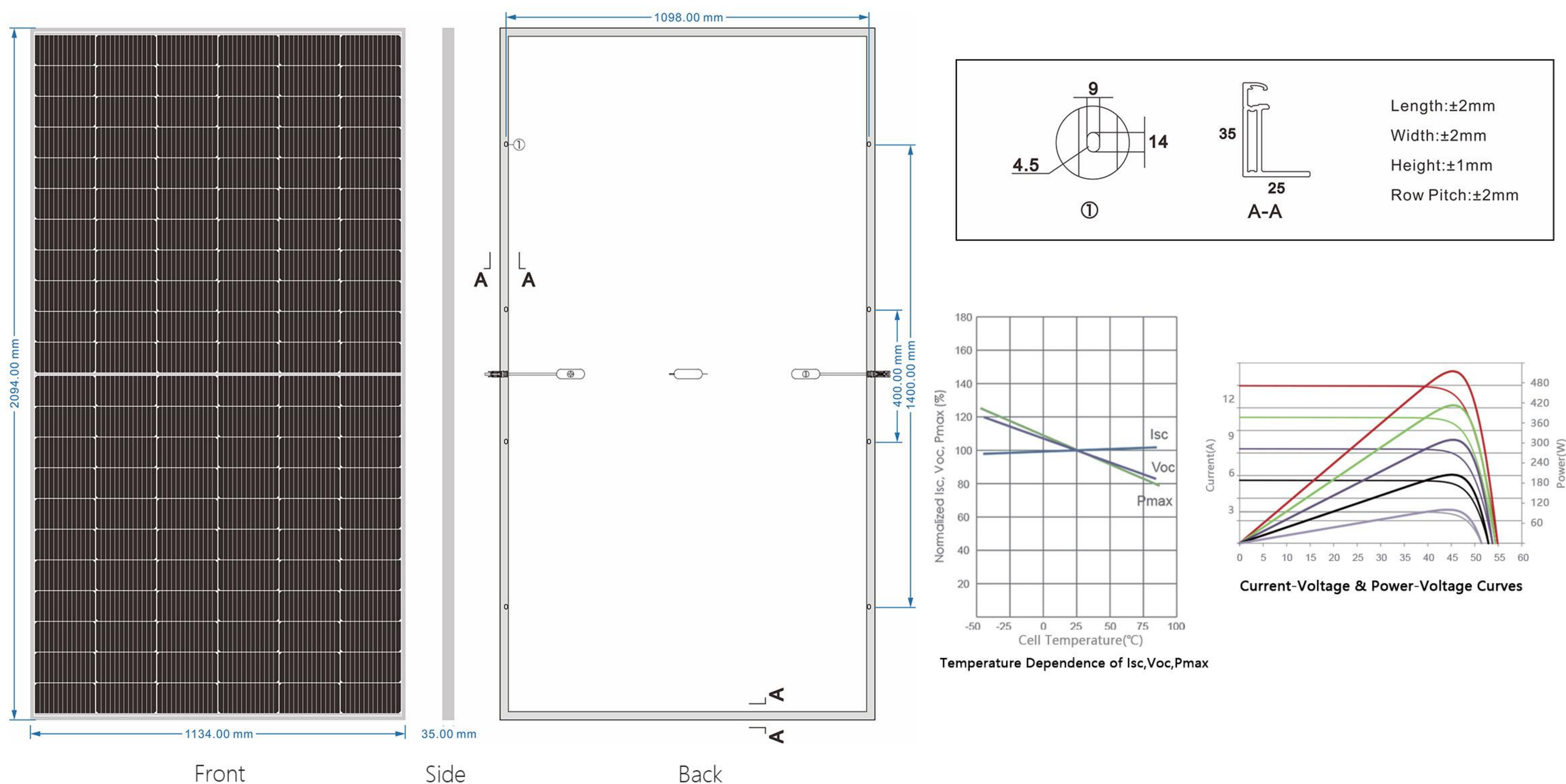
PRODUCT Warranty

- 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-66M10HC520W		AOX-66M10HC525W		AOX-66M10HC530W		AOX-66M10HC535W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	520Wp	390Wp	525Wp	394Wp	530Wp	398Wp	535Wp	402Wp
Voltage at Maximum Power (Vmp/V)	38.29V	35.98V	38.44V	36.11V	38.59V	36.24V	38.73V	36.37V
Current at Maximum Power (Imp/A)	13.58A	10.84A	13.66A	10.91A	13.73A	10.98A	13.81A	11.05A
Open Circuit Voltage (Voc/V)	46.29V	43.98V	46.43V	44.11V	46.57V	44.24V	46.71V	44.37V
Short Circuit Current (Isc/A)	14.32A	11.54A	14.40A	11.61A	14.48A	11.68A	14.56A	11.75A
Module Efficiency(%)	21.90%		22.10%		22.30%		22.50%	

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	25.0kg
Dimension	2094*1134*35mm
Packaging	31pcs/pallets,682pcs/ 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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