

FixSun



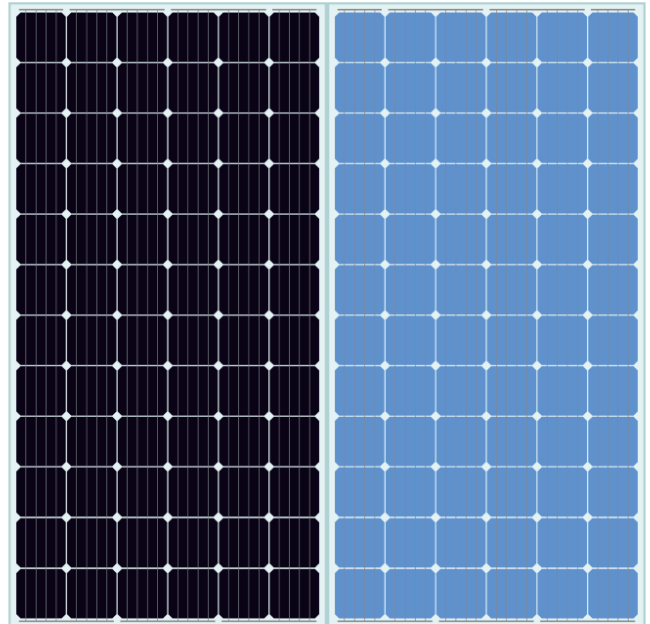
380-390W

Bifacial
Solar cell

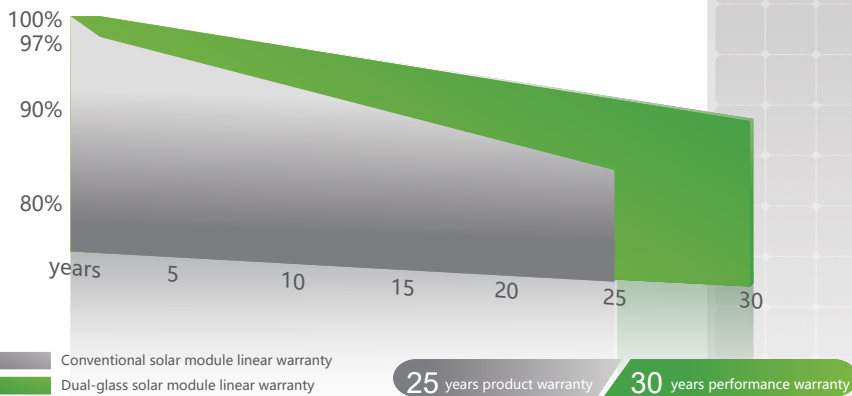
23.5%
Max efficiency

30 years
Warranty

2 mm+2 mm
Thickness



Dual-glass solar module linear warranty



Power generated on both sides, up to 30% yield increasing



Assemble with thinner and lighter glass in only 2mm



Great heat dissipation by replacing backsheets with glass to increase power generation



PID free by frameless design



Fully symmetrical structure to prevent micro crack



Encapsulate with POE, lower water permeability, to avoid delamination



No snail trail



Highly anti-corrosion, such as ammonia or saline



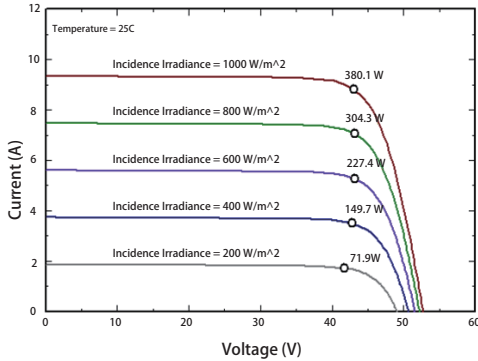
30-year linear performance warranty ensure higher ROI of the power plant

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$I_{max} - V_{max}$

Multi-Irradiance Curve for FXN380M-72B



ELECTRICAL SPECIFICATION (STC)

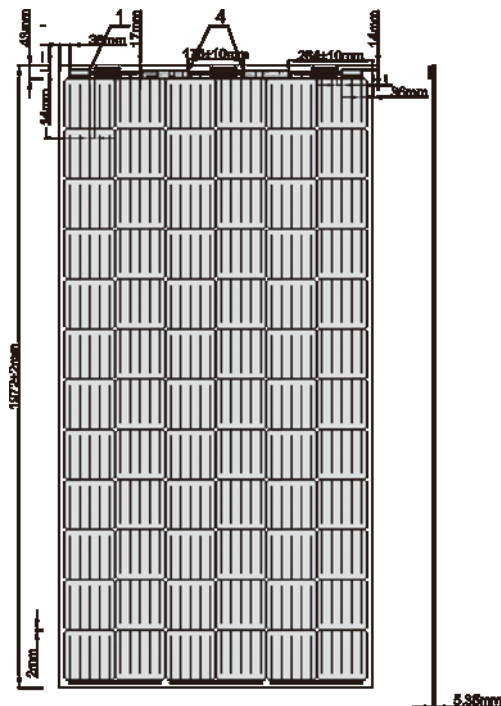
Module	FXN380M-72B	FXN390M-72B
Rated Power (Pmpp) (W)	380	390
Power Output Tolerance (W)	0~+5	
Rated Current (Imp) (A)	8.8	8.9
Rated Voltage (Vmpp) (V)	43.2	43.9
Short Circuit Current (Isc) (A)	9.84	9.89
Open Circuit Voltage (Voc) (V)	48.0	53.0
Efficiency(%)	23.2	23.5
Operational Temperature	-40~+85°C	
Maximum Static Load	5400Pa	
Maximum Wind Load	2400Pa	
Maximum System Voltage	IEC:1000/1500V	
Maximum Series Fuse Rating	20A	

STC : Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5.

MECHANICAL SPECIFICATION

Cell Type	bifacial cells
Cell Orientation	156.75mm × 156.75mm
Module Dimensions	1972mm × 992mm × 5mm (J-box not included)
Weight	23.3kg
Front Glass	2mm tempered AR glass
Encapsulant	POE
Back Glass	2mm ceramic coated glass
Junction Box	IP68 (three bypass diodes)
Cable	4mm ²
Connector	MC4 / MC4 equivalent

DIMENSION(mm)



TEMPERATURE COEFFICIENT

NOCT (Nominal Operating Cell Temperature)	45±2°C
Temperature Coefficient of Isc	+0.0484%/°C
Temperature Coefficient of Voc (β)	-0.2883%/°C
Temperature Coefficient of Pmpp (γ)	-0.3797%/°C

PACKAGING CONFIGURATION

Modules per box	38 pieces
Modules per 40' container	836 pieces