

# JX156M-72 SERIES



Tangshan Jingxin Science and Technology Co., Ltd

## Specifications

Model	JX156-72M Series
Solar cell	Monocrystalline 156×156mm
No. of cells and connections	72(6×12)
Dimension(mm)	1956×990×40
Weight(kg)	23.5

## Electrical Characteristics

Maximum Power(Pm)	300W	310W	320W	330W	340W	350W	360W
Current at Pmax(Imp)	8.09A	8.33A	8.5A	8.78A	8.91A	9.03	9.24
Voltage at Pmax(Vmp)	37.09V	37.22V	37.43V	37.57V	38.17V	38.76	39
Short-circuit current(Isc)	8.6A	8.71A	8.81A	9.29A	9.41A	9.64	9.7
Open-circuit voltage(Voc)	45.85V	46.02V	46.56V	46.34V	46.91V	46.75	47.7
Module Efficiency	15.50%	16.00%	16.57%	17.00%	17.61%	18%	18.7%
Cells Efficiency	17.30%	18.00%	18.50%	19.00%	19.80%	21%	21.3%

## Temperature and Coefficients

NOCT (Nominal Operating Cell)	48°C±2°C
Short-circuit current temp coefficient	(0.03±0.01) %°C
Open-circuit current temp coefficient	-(0.36±0.02) %°C
Peak power temp coefficient	-(0.55±0.05) %°C
Power Tolerance	±3%
Type of output terminal	Junction Box

## Components&Mechanical Data

Front Glass	High Transparency Tempered Glass, 3.2mm
Junction Box	Pass the TUV Certificate PPO(black/IP65)
Output Cables	4 mm <sup>2</sup> / 900mm
Connectors	MC4(UV resistance and self-locking/IP 67)
Frame	Anodized aluminum alloy type 6063-T5, white
Encapsulation Material	EVA (0.50±0.03mm thickness)
Back Foil	Transparent TPT (0.32±0.03mm thickness)
Fixing adhesive	Silicon Sealant (white)
Maximum System voltage	1000VDC
Temperature Rang (°C)	-40° C ~ +90° C
Max Load(Kpa)	2.4 wind load / 5.4 snow load

