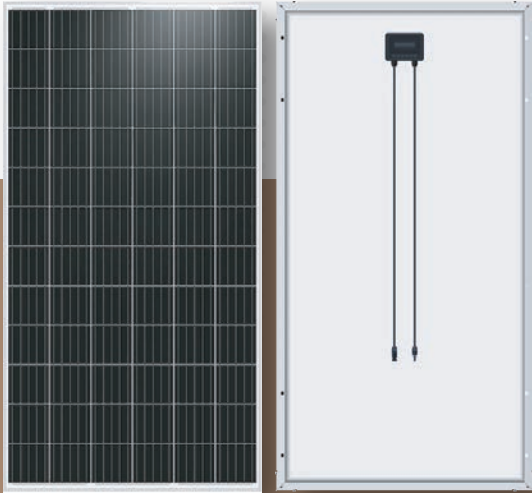


# M2



12-year Warranty for Materials and Processing



25-year Warranty for Extra Linear Power Output

## T72M-M2P-A(355-375)

### Solar Cells With PERC Technology High Efficiency MONO Solar Module

#### FEATURE

All cell production line equipped with SE laser instrument.

Advanced process to reduce extra degradation of PERC cell.

MBB and half-cut design to improve module reliability and reduces loss.

Higher power output effectively reduces BOS and LCOE.



Advance production process

Optimized MBB design

Non-destructive cutting



Superior quality control

Full automatic production line

ISO 9000:2015 Quality Management System

100% three times EL and appearance inspection

#### CERTIFICATION



TUV: IEC/EN 61215, IEC/EN 61730  
GB/T 19001-2016 / ISO 9001:2015  
GB/T 24001-2016 / ISO 14001:2015  
CHSAS: 18001:2007  
CNAS-CL01: ISO/IEC 17025:2017



Excellent power generation performance

0~+5 positive power tolerance

Improved low light irradiance performance

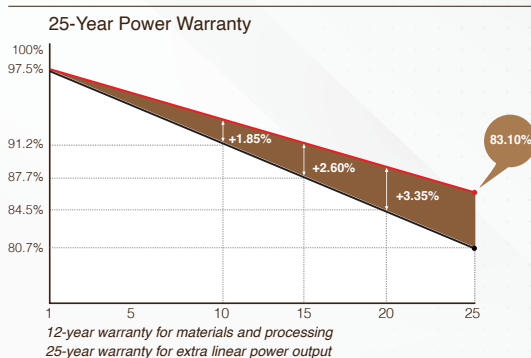


Stable mechanical performance

Passed rigorous hail test

Withstands 5400 Pa Snow and 2400 Pa wind loads

#### QUALITY ASSURANCE



Long weather resistance

Excellent anti- PID performance

Certified in fireproofing for safety



On-grid commercial industrial roof-tops



On-grid residential roof-tops

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# T72M-M2P-A

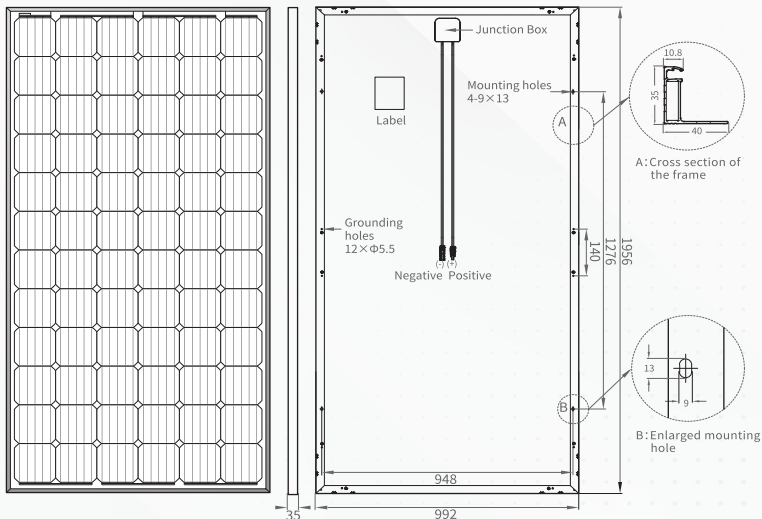
M2 72 Cell | 5BB Mono PERC | White Back Sheet

## ELECTRICAL PARAMETERS

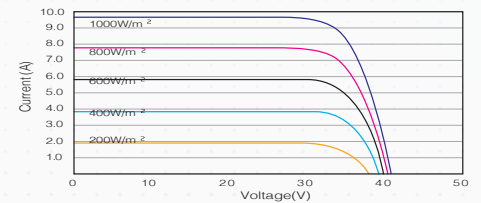
\* Measurement tolerance: Pmax:±3%, Voc:±3%, Isc:±5%.

Module Type	T72M-M2P-	A355	A360	A365	A370	A375
<b>STC</b> AM1.5, 1000W/m <sup>2</sup> Cell Temperature 25°C	Max. Power at STC (Pmpp/W)	355	360	365	370	375
	Output Tolerance (W)	0~+5	0~+5	0~+5	0~+5	0~+5
	Max. Power Voltage (Vmp/V)	38.72	38.92	39.13	39.33	39.56
	Max. Power Current (Imp/A)	9.17	9.25	9.33	9.41	9.48
	Open Circuit Voltage (Voc/V)	47.36	47.51	47.69	47.85	48.07
	Short Circuit Current (Isc/A)	9.66	9.72	9.78	9.85	9.91
	Module Efficiency (%)	18.3	18.6	18.8	19.1	19.3
<b>NOCT</b> AM1.5, 800W/m <sup>2</sup> Ambient Temperature 20°C Wind Speed 1m/s	Max. Power at NOCT (Pmpp/W)	264.2	267.9	271.6	275.4	279.1
	Max. Power Voltage (Vmp/V)	36.01	36.21	36.39	36.58	36.80
	Max. Power Current (Imp/A)	7.34	7.40	7.46	7.53	7.58
	Open Circuit Voltage (Voc/V)	44.42	44.56	44.72	44.88	45.08
	Short Circuit Current (Isc/A)	7.79	7.84	7.89	7.95	8.00

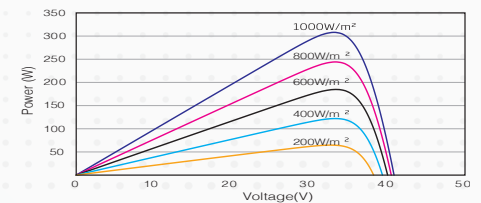
## DIMENSIONS OF PV MODULE



## I - V CURVES OF PV MODULE



## P - V CURVES OF PV MODULE



## MECHANICAL DATA

Solar Cells (mm)	156.75 x 156.75 Mono PERC
Cell Orientation	72 Cells (6 x 12)
Module Dimensions (L*W*H)	1956 x 992 x 35mm
Weight (Kg)	21.5 kg
Glass	3.2 mm coated tempered glass
Backsheet	White
Frame	Silver anodized aluminum alloy
J-Box	IP68, 3 bypass diodes
Cables	Length 350mm, 1x4.0mm <sup>2</sup>
Connector	MC4 and MC4 Compatible

## TEMPERATURE RATINGS

NMOT	45°C (±2°C)
Temperature Coefficient of Pmax	-0.4%/°C
Temperature Coefficient of Voc	-0.29%/°C
Temperature Coefficient of Isc	+0.04%/°C
<b>MAXIMUM RATING</b>	
Operational Temperature (°C)	-40°C to +85°C
Maximum System Voltage (VDC)	1000
Max Series Fuse Rating (A)	15
Mechanical Load Front (Pa)	5,400
Mechanical Load Back (Pa)	2,400

## PACKING CONFIGURATION

Module per box: 31 Pieces

## MODULE PER CONTAINER

792 PCs / 40'HC

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCTS.

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