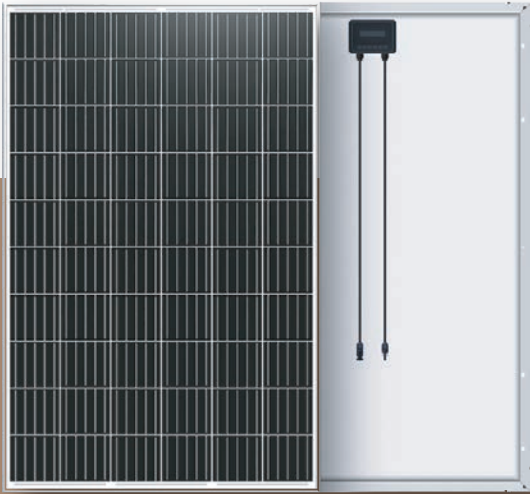


M2



12-year Warranty for
Materials and Processing



25-year Warranty for Extra
Linear Power Output

T60M-M2P-A(290-310)

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



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



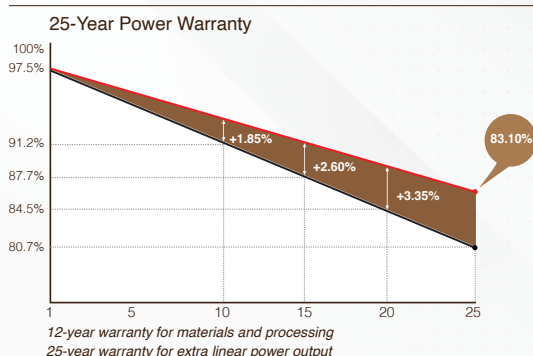
Long weather resistance
Excellent anti- PID performance
Certified in fireproofing for safety

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

QUALITY ASSURANCE



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T60M-M2P-A

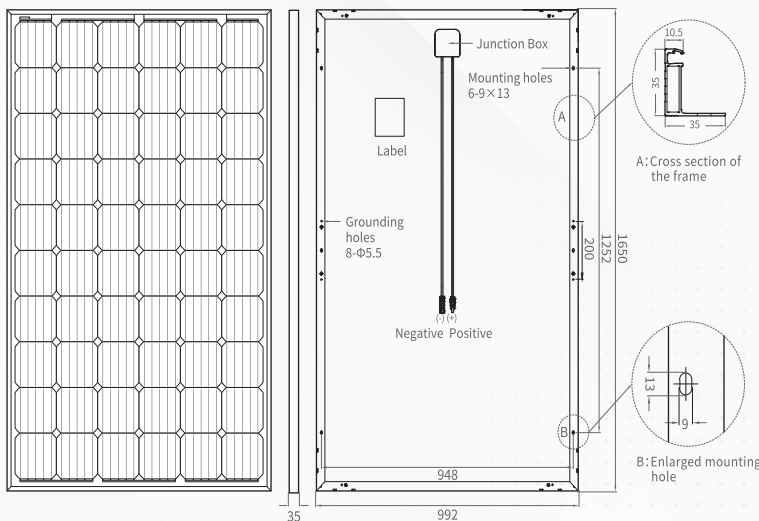
M2 60 Cell | 5BB Mono PERC | White Back Sheet

ELECTRICAL PARAMETERS

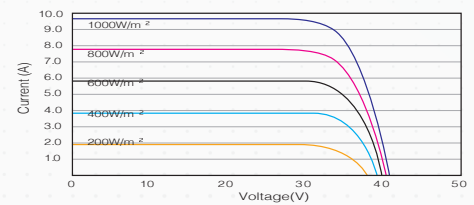
* Measurement tolerance: Pmax:±3%, Voc:±3%, Isc:±5%.

Module Type	T60M-M2P-	A290	A295	A300	A305	A310
STC AM1.5, 1000W/m ² Cell Temperature 25°C	Max. Power at STC (Pmpp/W)	290	295	300	305	310
	Output Tolerance (W)	0-+5	0-+5	0-+5	0-+5	0-+5
	Max. Power Voltage (Vmp/V)	32.03	32.33	32.62	32.92	33.16
	Max. Power Current (Imp/A)	9.06	9.13	9.20	9.27	9.35
	Open Circuit Voltage (Voc/V)	39.42	39.58	39.75	39.92	40.09
	Short Circuit Current (Isc/A)	9.51	9.57	9.64	9.71	9.76
	Module Efficiency (%)	17.7	18.0	18.3	18.6	18.9
NOCT AM1.5, 800W/m ² Ambient Temperature 20°C Wind Speed 1m/s	Max. Power at NOCT (Pmpp/W)	215.8	219.6	223.3	227.0	230.7
	Max. Power Voltage (Vmp/V)	29.78	30.06	30.34	30.61	30.84
	Max. Power Current (Imp/A)	7.25	7.30	7.36	7.42	7.48
	Open Circuit Voltage (Voc/V)	36.97	37.12	37.28	37.44	37.60
	Short Circuit Current (Isc/A)	7.67	7.72	7.78	7.83	7.87

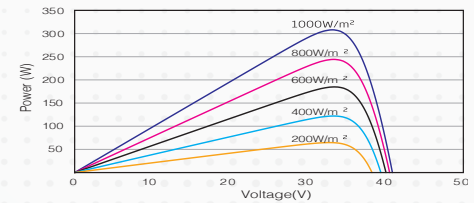
DIMENSIONS OF PV MODULE



I - V CURVES OF PV MODULE



P - V CURVES OF PV MODULE



MECHANICAL DATA

Solar Cells (mm)	156.75 x 156.75 Mono PERC	NMOT	45°C (±2°C)
Cell Orientation	60 Cells (6 x 10)	Temperature Coefficient of Pmax	-0.40%/°C
Module Dimensions (L*W*H)	1650 x 992 x 35mm	Temperature Coefficient of Voc	-0.29%/°C
Weight (Kg)	18.1 kg	Temperature Coefficient of Isc	+0.04%/°C
Glass	3.2 mm coated tempered glass	MAXIMUM RATING	
Backsheet	White	Operational Temperature (°C)	-40°C to +85°C
Frame	Silver anodized aluminum alloy	Maximum System Voltage (VDC)	1000
J-Box	IP68, 3 bypass diodes	Max Series Fuse Rating (A)	15
Cables	Length 350mm, 1x4.0mm ²	Mechanical Load Front (Pa)	5,400
Connector	MC4 and MC4 Compatible	Mechanical Load Back (Pa)	2,400

PACKING CONFIGURATION

Module per box: 31 Pieces

MODULE PER CONTAINER

924 PCs / 40'HC

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

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