



G12



12-year Warranty for Materials and Processing



25-year Warranty for Extra Linear Power Output

T132M-G12P-A(650-670)

Solar Cells With PERC Technology High Efficiency MONO Solar Module

FEATURE

Large version and high power High power generation and high reliability, suitable for large and medium-sized projects in desert natural environment. High technology Nondestructive slicing, cylindrical calendaring, MBB, high density packaging, etc



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



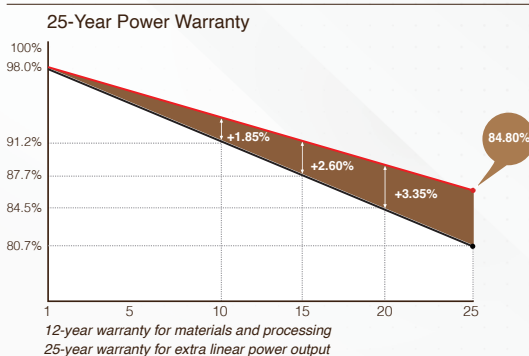
Long weather resistance
Excellent anti- PID performance
Certified in fireproofing for safety

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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T132M-G12P-A

G12-132 Half-Cut Cell | MBB Mono PERC | White Back Sheet

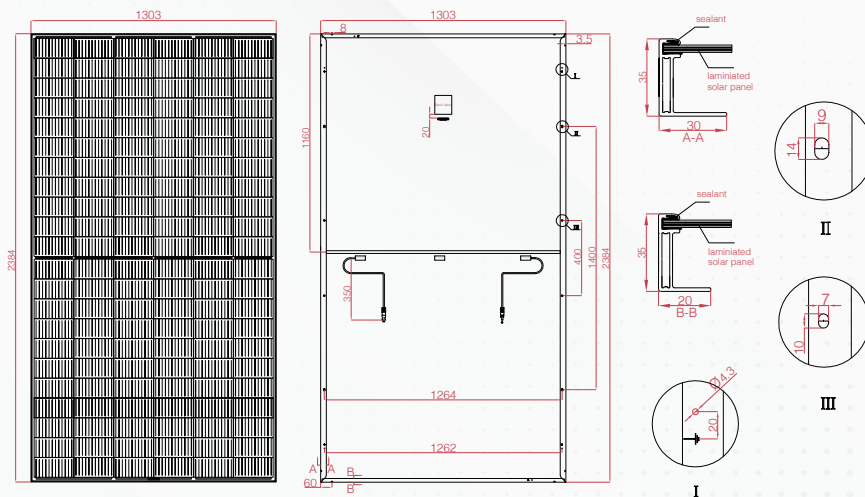


ELECTRICAL PARAMETERS

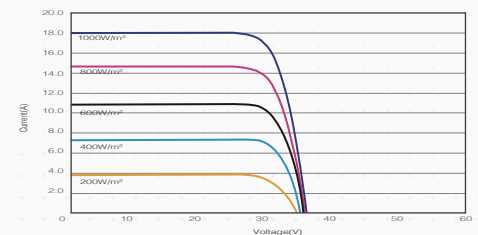
* Measurement tolerance: Pmax:±3%, Voc:±3%, Isc:±5%.

Module Type	T132M-G12P-	A650	A655	A660	A665	A670
STC AM1.5, 1000W/m ² Cell Temperature 25°C	Max. Power at STC (Pmpp/W)	650	655	660	665	670
	Output Tolerance (W)	0-+5	0-+5	0-+5	0-+5	0-+5
	Max. Power Voltage (Vmp/V)	36.79	37.00	37.21	37.42	37.63
	Max. Power Current (Imp/A)	17.67	17.71	17.74	17.78	17.81
	Open Circuit Voltage (Voc/V)	44.34	44.59	44.85	45.10	45.35
	Short Circuit Current (Isc/A)	18.76	18.80	18.84	18.88	18.91
	Module Efficiency (%)	20.93	21.09	21.25	21.41	21.57
NOCT AM1.5, 800W/m ² Ambient Temperature 20°C Wind Speed 1m/s	Max. Power at NOCT (Pmpp/W)	492.07	495.85	499.64	503.42	507.21
	Max. Power Voltage (Vmp/V)	34.24	34.43	34.63	34.82	35.02
	Max. Power Current (Imp/A)	14.37	14.40	14.42	14.46	14.48
	Open Circuit Voltage (Voc/V)	41.79	42.03	42.26	42.50	42.74
	Short Circuit Current (Isc/A)	15.11	15.15	15.17	15.21	15.23

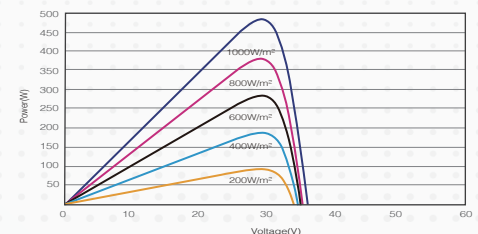
DIMENSIONS OF PV MODULE



I - V CURVES OF PV MODULE



P - V CURVES OF PV MODULE



MECHANICAL DATA

Solar Cells (mm)	210 x 105 Mono PERC
Cell Orientation	132 Cells (11 x 12)
Module Dimensions (L*W*H)	2384 x 1303 x 35mm
Weight (Kg)	33.5 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 ²
Connector	MC4 and MC4 Compatible

TEMPERATURE RATINGS

NMOT	45°C (±2°C)
Temperature Coefficient of Pmax	-0.362%/°C
Temperature Coefficient of Voc	-0.262%/°C
Temperature Coefficient of Isc	+0.042%/°C

MAXIMUM RATING

Operational Temperature (°C)	-40°C to +85°C
Maximum System Voltage (VDC)	1500
Max Series Fuse Rating (A)	30
Mechanical Load Front (Pa)	5,400
Mechanical Load Back (Pa)	2,400

PACKING CONFIGURATION

Module per box: 31 Pieces

MODULE PER CONTAINER

558 PCs / 40'HC

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

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