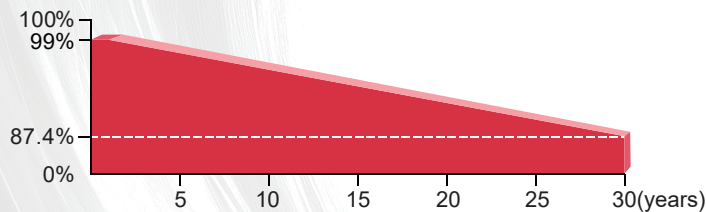
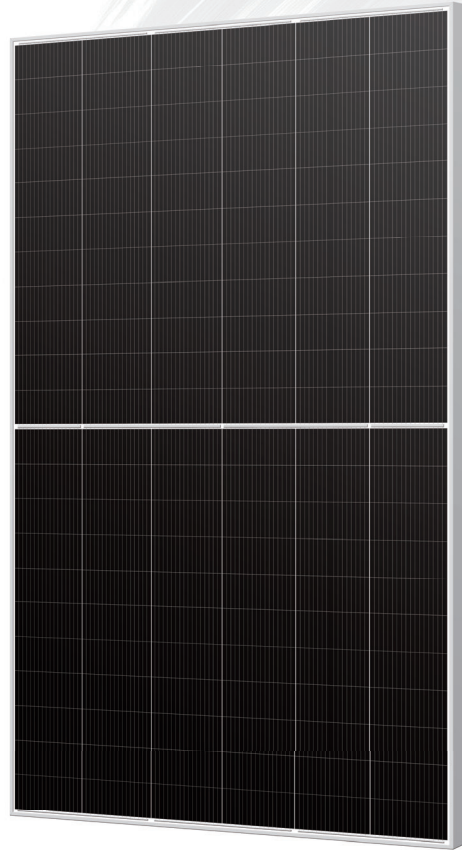


N-Type

MORE ENERGY

More Energy, More Power

700W MBB Monocrystalline Module Half-cell Module G12-132NT 680~700W



More Energy's linear performance warranty

12 Years Product Warranty on Materials and Workmanship

30 Years Linear Performance Warranty

0.40% Subsequent Annual Degradation



- ▲ Higher output power
- ▲ Module efficiency up to 22.53%
- ▲ Lower temperature coefficient



- ▲ ISO9001:2015 Quality Management system
- ▲ ISO14001:2015 Environmental Management System
- ▲ ISO45001:2018 Occupational Health and Safety Management System



- ▲ Lower LCOE (Levelized Cost Of Energy)
- ▲ High Power output lead to lower BOS cost



Excellent Potential Induced Degradation Resistance



- ▲ Salt Mist Corrosion Protect
- ▲ Ammonia Resistance



Excellent Wind Load 2400Pa&Snow Load 5400Pa Under Certain Installation Method

Hotline&WhatsApp: + 49 15 225 20 30 30

Web: www.more-energy.net E-Mail: info@more-energy.net

Add: Fürtherstr. 38, 90429 Nürnberg, Germany



ME680~700G12-132NT



More Energy, More Power

Electrical Characteristics(STC*)

Power Output(Wp)	680	685	690	695	700
Max Power Tolerance(W)	0-5	0-5	0-5	0-5	0-5
Module Efficiency(%)	21.89	22.05	22.21	22.37	22.53
Voltage Mpp-Vmpp(V)	38.55	38.74	38.94	39.13	39.33
Current Mpp-Impp(A)	17.64	17.68	17.72	17.76	17.80
Voltage Open Circuit-Voc(V)	46.50	46.69	46.88	47.07	47.26
Short Circuit Current-Isc(A)	18.69	18.74	18.79	18.84	18.89

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

Electrical Characteristics(NMOT*)

Power Output(Wp)	513	517	521	525	529
Voltage Mpp-Vmpp(V)	36.15	36.36	36.56	36.74	36.94
Current Mpp-Impp(A)	14.19	14.22	14.25	14.29	14.32
Voltage Open Circuit-Voc(V)	44.37	44.56	44.75	44.94	45.13
Short Circuit Current-Isc(A)	15.05	15.09	15.13	15.17	15.21

*NMOT:Irradiance 800 W/m²,Environment Temperature 20°C,Air Mass AM1.5

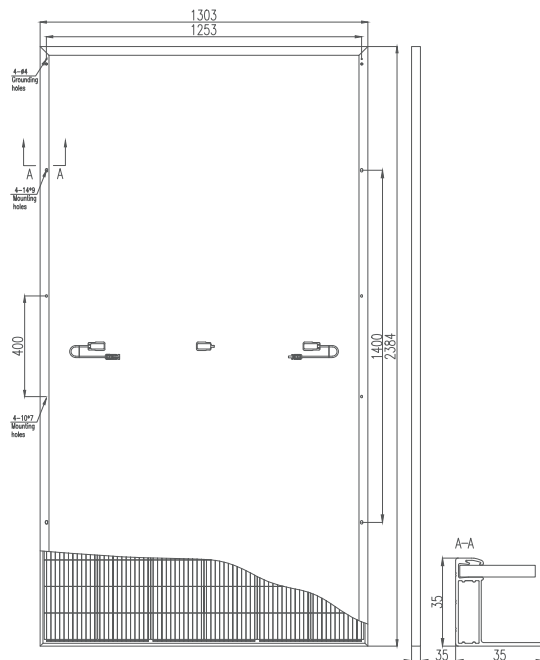
Mechanical Data

Dimension Of Module	2384*1303*35mm
Weight(kg)	33
Glass	High transmission glass 3.2mm
Cables	4mm ² /300mm or Customized Length
Junction Box	IP68,3 Bypass-Diode
Connector	MC4 compatible

Mechanical Data

Container	40'HQ
Pieces Per Pallet	31
Pallets Per Container	18
Pieces Per Container	558

Module Back View



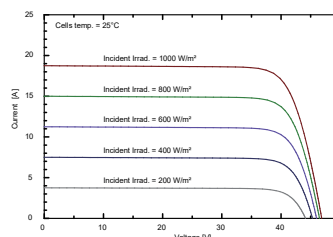
Working Conditions

Max System Voltage(VDC)	1500V
Max Series Fuse Rating	30A
Maximum Load Capacity	Snow 5400Pa/Wind 2400Pa
Operating Temperature	-40 °C ~+85 °C
Safety Class	II

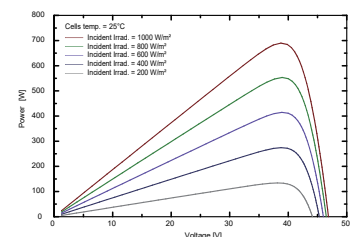
Working Conditions

Temperature Coefficients of Isc(%/°C)	0.046
Temperature Coefficients of Voc(%/°C)	-0.266
Temperature Coefficients of Pmpp(%/°C)	-0.354
NMOT	45±2 °C

I-V Curves(690W)



P-V Curves(690W)



Specifications included in this datasheet are subject to change without notice.

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