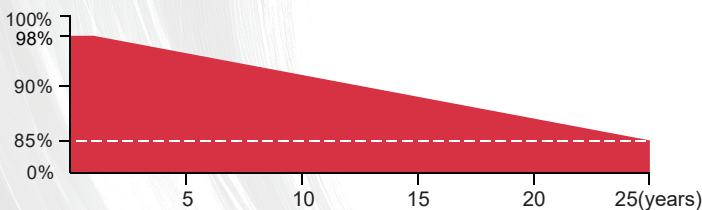
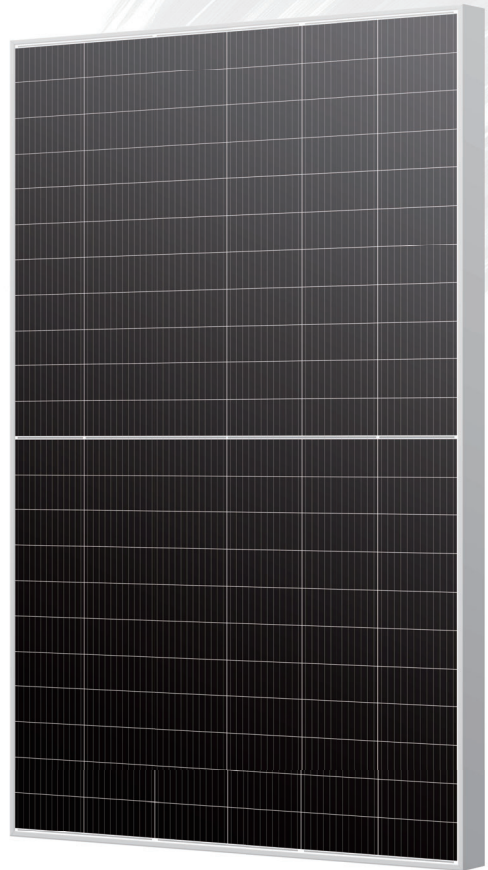


665W MBB Monocrystalline Module Half-cell Module G12-132 645~665W



More Energy's linear performance warranty



12 Years
Material&Craft
Quality assurance

25 Years
85% output
Power guarantee



- ▲ Higher output power
- ▲ Module efficiency up to 21.4%
- ▲ 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



ME645~665G12-132



More Energy, More Power

Electrical Characteristics(STC*)

Power Output(Wp)	645	650	655	660	665
Max Power Tolerance(W)	0-5	0-5	0-5	0-5	0-5
Module Efficiency(%)	20.8	20.9	21.1	21.2	21.4
Voltage Mpp-Vmpp(V)	37.52	37.72	37.91	38.08	38.28
Current Mpp-Impp(A)	17.19	17.23	17.28	17.33	17.37
Voltage Open Circuit-Voc(V)	45.50	45.68	45.87	46.03	46.24
Short Circuit Current-Isc(A)	18.58	18.63	18.68	18.73	18.78

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

Electrical Characteristics(NMOT*)

Power Output(Wp)	495.51	499.35	503.19	507.03	510.88
Voltage Mpp-Vmpp(V)	34.20	34.39	34.55	34.71	34.90
Current Mpp-Impp(A)	14.49	14.52	14.56	14.61	14.64
Voltage Open Circuit-Voc(V)	42.01	42.18	42.35	42.50	42.69
Short Circuit Current-Isc(A)	15.80	15.84	15.88	15.92	15.97

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

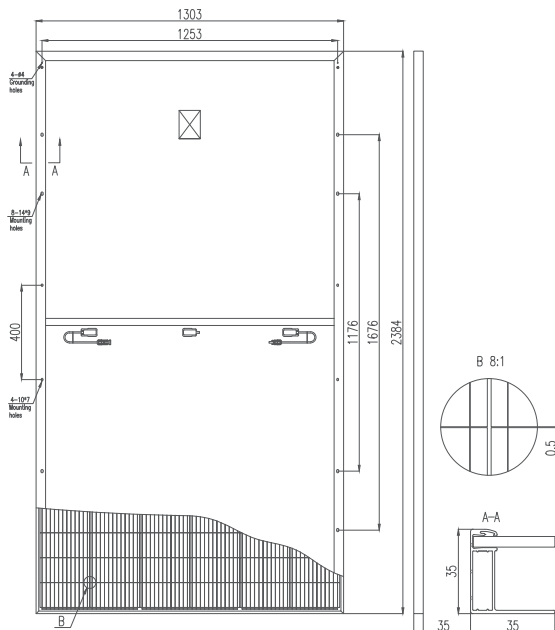
Mechanical Data

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



*400mm mounting holes are only suitable for 6005-T6 aluminum frame

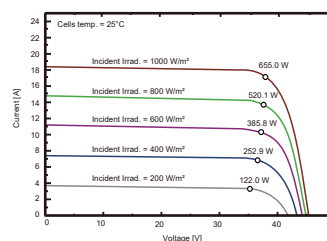
Working Conditions

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

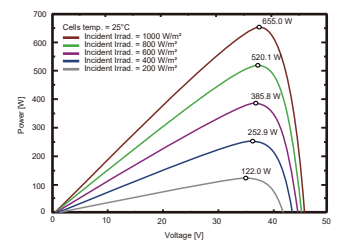
Working Conditions

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(655W)



P-V Curves(655W)



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

Version No. : ME_2022_01