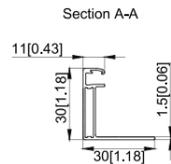
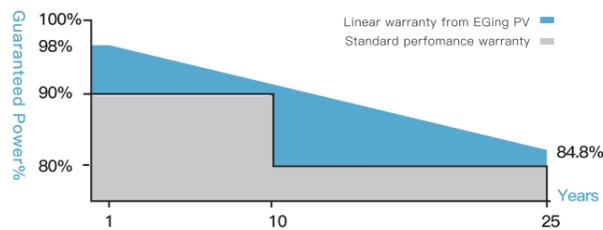


PRODUCT INTRO

BfMc Series (Transparency)

MONO CRYSTALLINE SOLAR MODULE

445W~465W



QUALITY GUARANTEED

- ① Linear output power guaranteed
- ② 10 years product warranty
- ③ 25 years linear power output



High Efficiency

Advanced solar cell technology ensures the high module efficiency up to 21.5%.



Positive Power Selection

Module will generate power selection of 0 to +5W.



Strong Load Capacity

Module is capable to withstand 2400Pa wind loads and 5400Pa Snow loads.



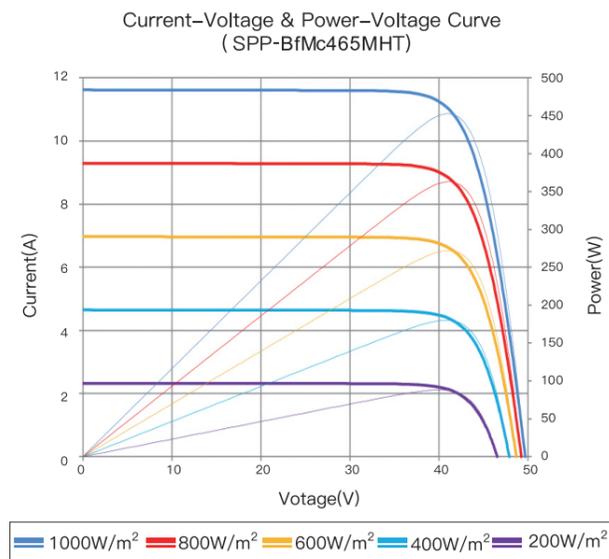
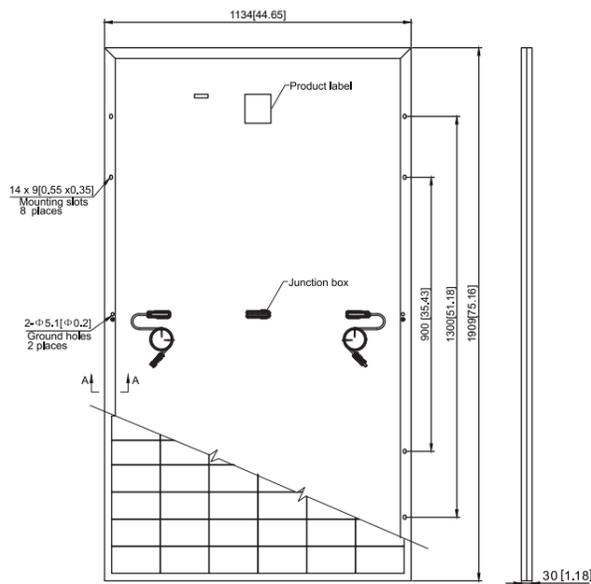
Reliable quality

Module is manufactured in accordance with international quality standards ISO9001



Higher Weatherproof Rating

J-Box performs module with an environmental protection rating to IP68.



MODULE CHARACTERISTICS

Models	SPP-BfMc445MHT	SPP-BfMc450MHT	SPP-BfMc455MHT	SPP-BfMc460MHT	SPP-BfMc465MHT
Maximum Power (Pmax)	445W	450W	455W	460W	465W
Positive Power Selection	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W
Maximum Power Voltage (Vmp)	34.93V	35.16V	35.38V	35.60V	35.82V
Maximum Power Current(Imp)	12.74A	12.80A	12.86A	12.92A	12.98A
Open Circuit Voltage (Voc)	41.73V	41.96V	42.18V	42.40V	42.63V
Short Circuit Current (Isc)	13.49A	13.55A	13.61A	13.67A	13.73A
Module Efficiency	20.6%	20.8%	21.0%	21.3%	21.5%
Operating module Temperature	- 40 C ~ +85 C				
Maximum system(DC) Voltage	DC1500V(IEC)				
Maximum Series Fuse Rating	30A				
Nominal Module Operating Temperature	43±2 C				
Temperature Coefficients of Pmax	- 0.34%/ C				
Temperature Coefficients of Voc	- 0.25%/ C				
Temperature Coefficients of Isc	+ 0.04%/ C				

MECHANICAL CHARACTERISTICS

Solar Cell	Mono 182 × 91mm 10BB
Number of cells	120(6 × 20)
Dimensions	1909 × 1134 × 30mm (75.16 × 44.64 × 1.18inches)
Weight	22.9Kg (50.48lbs)
Front Glass	3.2mm (0.13inches)front glass
Back board	Transparency/Transparent white mesh / Transparent black mesh
Frame	Anodized aluminum alloy Silver/Black
Junction Box	IP68 rated
Cable	4mm ² solar cable 300mm (11.81inches)Customized Length
Connector	EVO2 / compatible

PACKING

	40HC
Pieces per pallet	36
Pallets per container	24
Pieces per container	864

