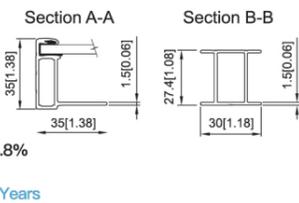
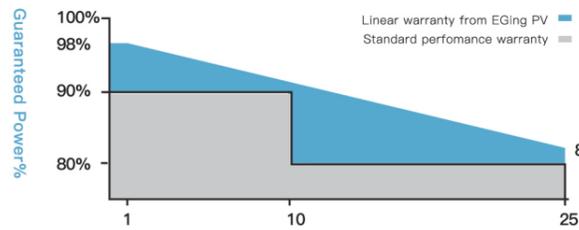


PRODUCT INTRO

EfMd Series

MONO CRYSTALLINE SOLAR MODULE

650W~670W



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 21.6%.

Positive Power Selection

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

Strong Load Capacity

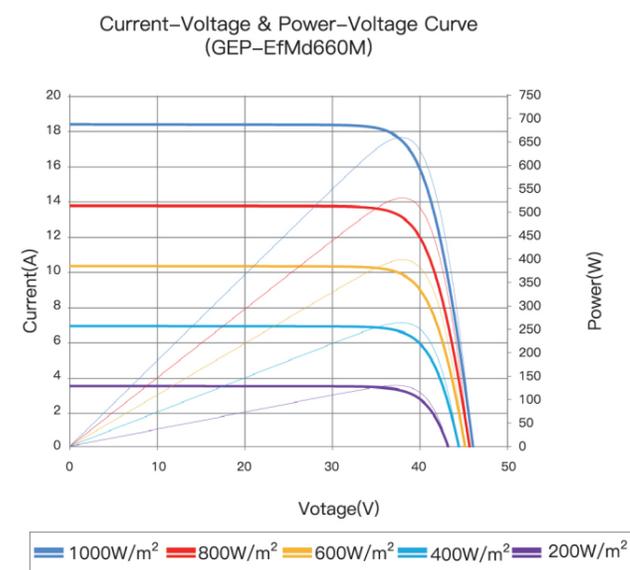
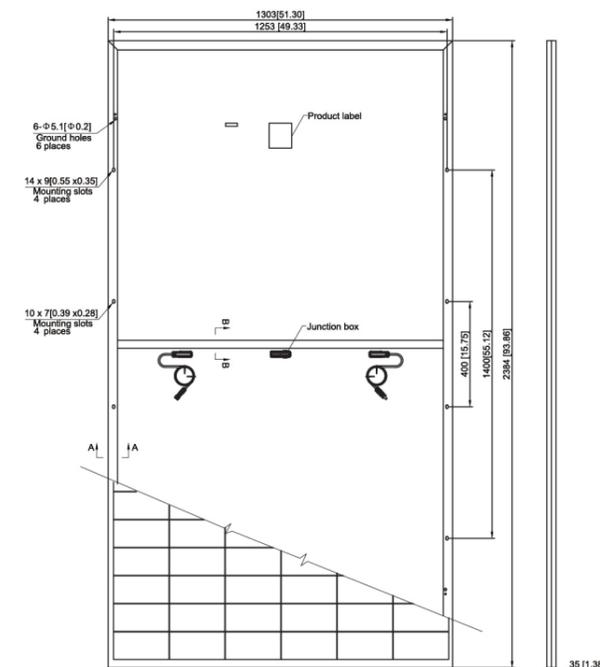
Module is capable to withstand 2400Pa wind loads and 5400Pa Snow loads.

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	GEP-EfMd650M	GEP-EfMd655M	GEP-EfMd660M	GEP-EfMd665M	GEP-EfMd670M
	GEP-EfMd650MH	GEP-EfMd655MH	GEP-EfMd660MH	GEP-EfMd665MH	GEP-EfMd670MH
Maximum Power (Pmax)	650W	655W	660W	665W	670W
Positive Power Selection	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W
Maximum Power Voltage (Vmp)	37.65V	37.85V	38.05V	38.25V	38.45V
Maximum Power Current(Imp)	17.27A	17.31A	17.35A	17.39A	17.43A
Open Circuit Voltage (Voc)	45.65V	45.85V	46.05V	46.25V	46.45V
Short Circuit Current (Isc)	18.27A	18.31A	18.35A	18.39A	18.43A
Module Efficiency	20.9%	21.1%	21.2%	21.4%	21.6%
Operating module Temperature	- 40°C ~ +85°C				
Maximum system(DC) Voltage	DC1000V/1500V(IEC)				
Maximum Series Fuse Rating	30A				
Nominal Module Operating Temperature	42±2°C				
Temperature Coefficients of Pmax	- 0.36%/°C				
Temperature Coefficients of Voc	- 0.304%/°C				
Temperature Coefficients of Isc	+ 0.050%/°C				

MECHANICAL CHARACTERISTICS

Solar Cell	210x105mm 12 Mono crystalline 210x105mm 12BB
Number of cells	132(6x22)
Dimensions	2384x1303x35mm (93.86x51.30x1.38 inches)
Weight	34.5Kg (76.06 lbs)
Front Glass	3.2mm (0.13 inches) front glass
Frame	Anodized aluminum alloy
Junction Box	IP68 rated
Cable	4mm² solar cable 300mm (11.81 inches) Customized Length
Connector	MC4 PV-XT101.1/Z4S-abcde

PACKING

	40HC
Pieces per pallet	31
pallets per container	17
Pieces per container	527

STC: irradiance 1000 W/m², module temperature 25°C, AM=1.5; Tolerance of Pmax is within +/- 3%.