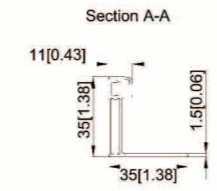
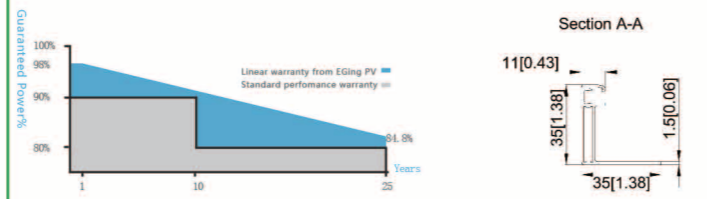


## ◆ Product Intro

### EfMc Series

Mono crystalline Solar Module

485W~505W



#### 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 21.3%.



#### 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.



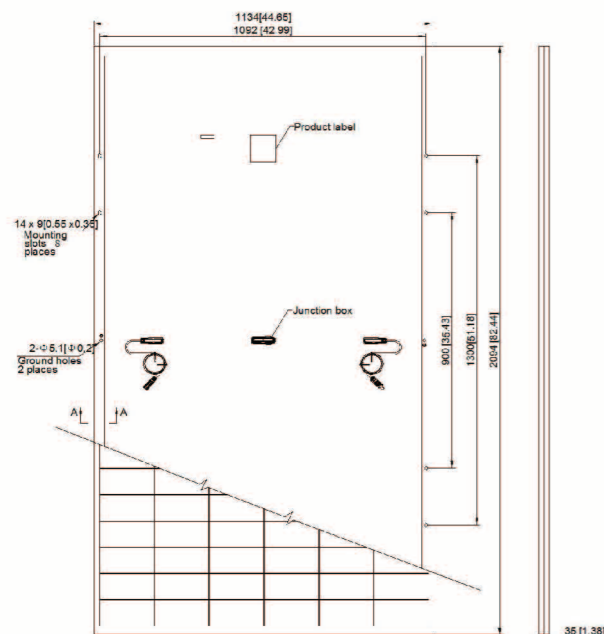
#### Reliable quality

Module is manufactured in accordance with international quality standards ISO9001

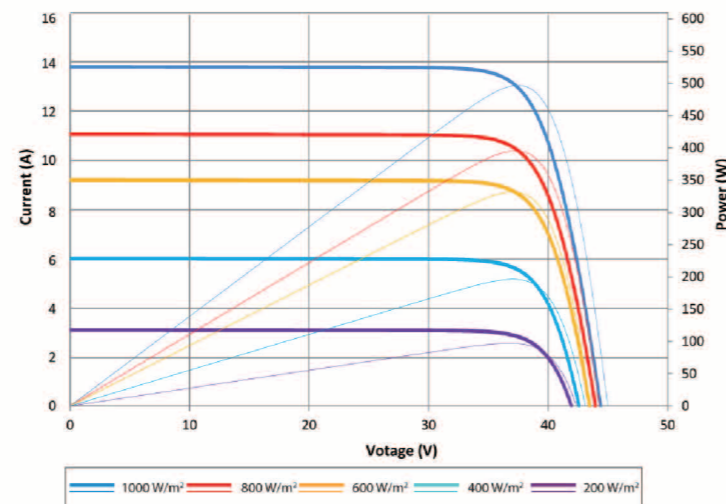


#### Higher Weatherproof Rating

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



### Current-Voltage & Power-Voltage Curve (GEP-EfMc500MH)



## ◆ MODULE CHARACTERISTICS

Models	GEP-EfMc495MH	GEP-EfMc500MH	GEP-EfMc505MH
Maximum Power (Pmax)	495W±3%	500W±3%	505W±3%
Positive Power Selection	0/+5W	0/+5W	0/+5W
Maximum Power Voltage (Vmp)	38.17V	38.35V	38.53V
Maximum Power Current(Imp)	12.97A	13.04A	13.11A
Open Circuit Voltage (Voc)	45.45V±3%	45.59V±3%	45.72V±3%
Short Circuit Current (Isc)	13.85A±3%	13.93A±3%	14.00A±3%
Module Efficiency	20.9%	21.1%	21.3%
Operating module Temperature	- 40 °C ~ +85 °C		
Maximum system(DC) Voltage	DC1500V(IEC)		
Maximum Series Fuse Rating	25A		
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		
Fire Rating	Class C		

## ◆ MECHANICAL CHARACTERISTICS

Solar Cell	Mono crystalline 182×91mm 10BB
Number of cells	132( 6×22 )
Dimensions	2094×1134×35mm ( 82.44×44.65×1.38inches )
Weight	26.3Kg ( 57.98lbs)
Front Glass	3.2mm (0.13inches)front glass
Frame	Anodized aluminum alloy
Junction Box	IP68 rated
Cable	4mm² solar cable 300mm (11.81inches)Customized Length
Connector	PV-XT101.1/Z4S-abcde

## ◆ PACKING

	20GP	40HC
Pieces per pallet	31	31
pallets per container	5	22
Pieces per container	155	682

STC: irradiance 1000 W/m<sup>2</sup>, module temperature 25°C, AM=1.5; Tolerance of Pmax is within +/- 3%.

Manufactured in China