

◆ Product Intro

GfMc Series

485W~505W

Mono crystalline Solar Module

Linear warranty from EGing PV
Standard performance warranty

Quality guaranteed

1. Linear output power guaranteed
2. 10 years product warranty
3. 30 years linear power output

◆ MODULE CHARACTERISTICS

Models	GEP-GfMc500MH
Maximum Power (Pmax)	500W±3%
Positive Power Selection	0/+5W
Maximum Power Voltage (Vmp)	38.35V
Maximum Power Current(Imp)	13.04A
Open Circuit Voltage (Voc)	45.59V±3%
Short Circuit Current (Isc)	13.93A±3%
Module Efficiency	21.0%
Operating module Temperature	- 40 °C ~ +85 °C
Maximum system(DC) Voltage	DC1500V(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
Fire Rating	Class C

◆ MECHANICAL CHARACTERISTICS

Solar Cell	Mono crystalline 182×91mm 10BB
Number of cells	132(6×22)
Dimensions	2100×1134×35mm (82.68×44.65×1.38inches)
Weight	29.0Kg (63.93lbs)
Front Glass	2.0mm (0.08inches)front glass
Frame	Anodized aluminum alloy
Junction Box	IP68 rated
Cable	4mm ² 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/m², module temperature 25°C, AM=1.5; Tolerance of Pmax is within +/- 3%.

Manufactured in China



High Efficiency

Advanced solar cell technology ensures the high module efficiency up to 21.2%.



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.



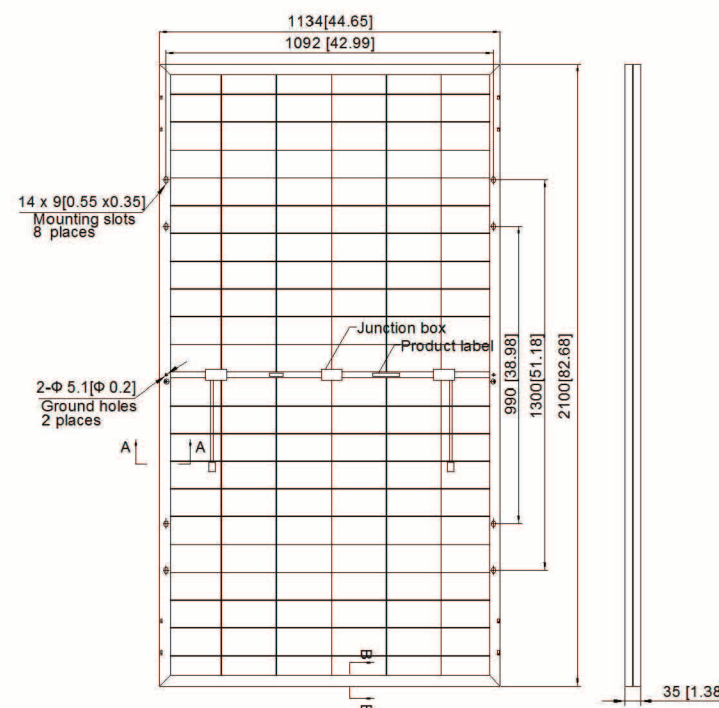
Reliable quality

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-GfMc500MH)

