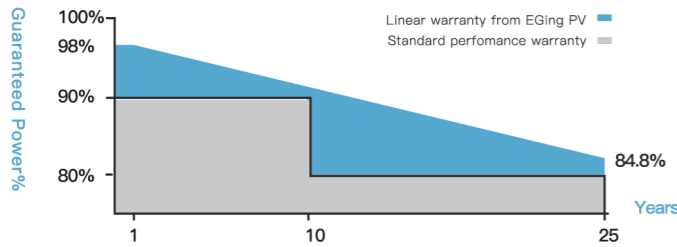
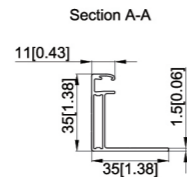
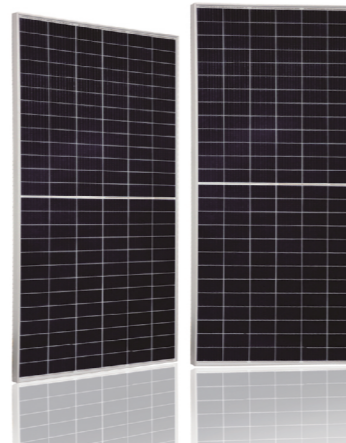


PRODUCT INTRO

FfMc Series


MONO CRYSTALLINE SOLAR MODULE

570W~590W




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.

◆ MODULE CHARACTERISTICS

Models	GEP-FfMc570M	GEP-FfMc575M	GEP-FfMc580M	GEP-FfMc585M	GEP-FfMc590M
	GEP-FfMc570MH	GEP-FfMc575MH	GEP-FfMc580MH	GEP-FfMc585MH	GEP-FfMc590MH
Maximum Power (Pmax)	570W	575W	580W	585W	590W
Positive Power Selection	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W
Maximum Power Voltage (Vmp)	44.7V	44.9V	45.1V	45.3V	45.5V
Maximum Power Current(Imp)	12.76A	12.81A	12.87A	12.92A	12.97A
Open Circuit Voltage (Voc)	53.0V	53.2V	53.4V	53.6V	53.8V
Short Circuit Current (Isc)	13.65A	13.7A	13.76A	13.81A	13.86A
Module Efficiency	20.6%	20.8%	21.0%	21.2%	21.3%
Operating module Temperature	- 40°C ~ +85°C				
Maximum system(DC) Voltage	DC1000V/1500V(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				

◆ MECHANICAL CHARACTERISTICS

Solar Cell	182x91mm 10 Mono crystalline 182x91mm 10BB
Number of cells	156(6x26)
Dimensions	2438x1134x35mm (95.98x44.65x1.38 inches)
Weight	31Kg (68.34 lbs)
Front Glass	3.2mm (0.13 inches) front glass
Frame	Anodized aluminum alloy
Junction Box	IP68 rated
Cable	4mm ² solar cable 300mm (11.81 inches) Customized Length
Connector	MC4 PV-XT101.1/Z4S-abcde

◆ PACKING

	20GP	40HC
Pieces per pallet	31	31
pallets per container	4	16
Pieces per container	124	496

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

