



GEG Solar

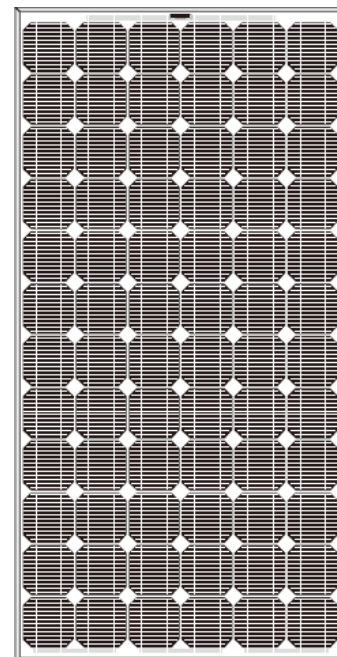
GEG-150M

GEG-155M
GEG-160M
GEG-165M
GEG-170M
GEG-175M
GEG-180M

Features and benefits

- ◆ standard output
- ◆ High efficiency
- ◆ Outstanding low-light performance
- ◆ High transparent low-iron, tempered glass
- ◆ Esthetic appearance, with stands high wind-pressure and snow load
- ◆ 25 year power output warranty

High Efficiency, High Quality PV Module



Electrical Characteristics

Model	GEG-150M	GEG-155M	GEG-160M	GEG-165M	GEG-170M	GEG-175M	GEG-180M
Open-circuit voltage (Voc)	42.6V	42.8V	43.0V	43.2V	43.5V	43.8V	44.2V
Optimum operating voltage (Vmp)	35.0V	35.2V	35.4V	35.6V	35.9V	36.2V	36.5V
Short-circuit current (Isc)	4.88A	4.96A	5.05A	5.12A	5.20A	5.28A	5.35A
Optimum operating current (Imp)	4.29A	4.40A	4.52A	4.63A	4.74A	4.83A	4.93A
Maximum power at STC (Pmax)	150Wp	155Wp	160Wp	165Wp	170Wp	175Wp	180Wp
Operating temperature	-40°C to +85°C						
Maximum system voltage	1000V						
	*STC: Irradiance 1000W/m ² , Module temperature 25°C, AM=1.5						

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Specifications

Cell	Monocrystalline silicon solar cells 125mmX125mm
No.of cells	72(6X9)
Dimension of module	1589mmX807mmX 35mm
Weight	15kg

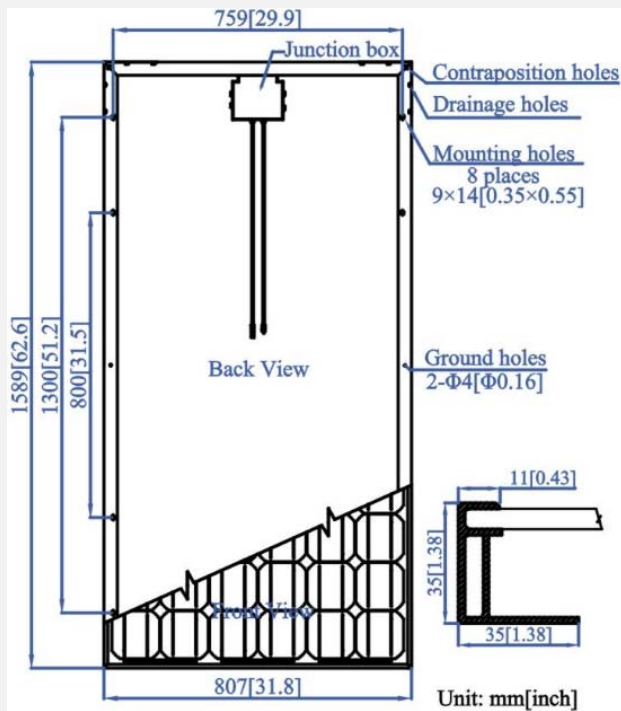
Temperature Coefficients

NOCT	45°C ± 2°C
Temperature coefficient of Isc	(0.017 ± 0.01)%/K
Open-circuit current temperature coefficient	-(0.34 ± 0.01)%/K
Peak power temperature coefficient	-(0.48 ± 0.01)%/K
Power tolerance	± 3%

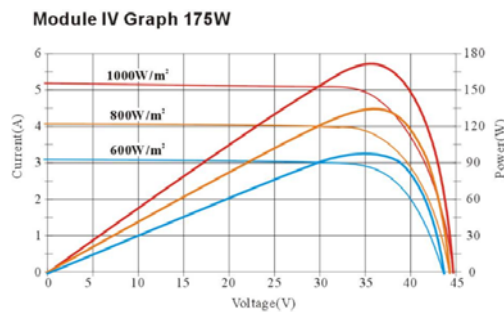
NOCT: Nominal operating Cell Temperature above data is only for reference

Output

Cable	LAPP(4.0mm ²)
Asymmetrical Lengths	1200mm(-) and 800mm(+)
Connection	MC Plug Type IV



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