



GEG Solar

GEG-160P

GEG-165P

GEG-170P

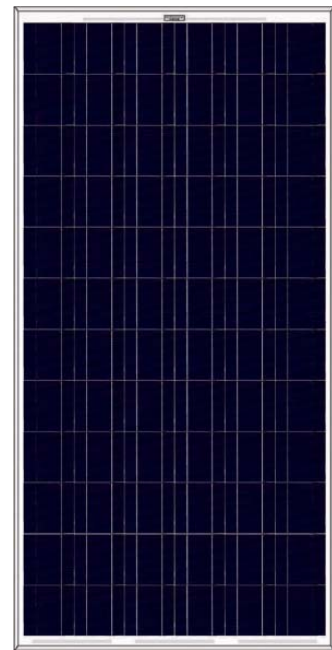
GEG-175P

GEG-180P

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-160P	GEG-165P	GEG-170P	GEG-175P	GEG-180P
Open-circuit voltage (Voc)	28.6V	28.8V	29.0V	29.2V	29.4V
Optimum operating voltage (Vmp)	23.3V	23.5V	23.8V	24.0V	24.1V
Short-circuit current (Isc)	7.60A	7.70A	7.82A	7.96A	8.10A
Optimum operating current (Imp)	6.87A	7.02A	7.15A	7.29A	7.47A
Maximum power at STC (Pmax)	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	Polycrystalline silicon solar cells 156mmX156mm
No.of cells	48(6X8)
Dimension of module	1324mmX992mmX 50mm
Weight	16.4kg

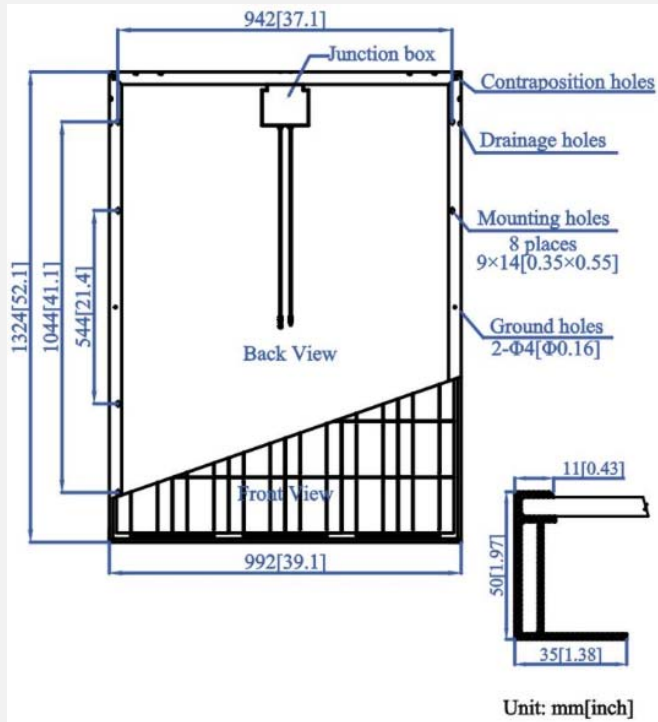
Temperature Coefficients

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%

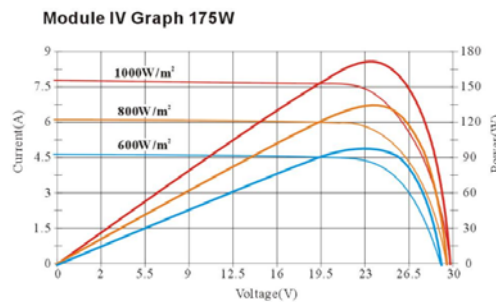
NOCT: Nominal operating Cell Temperature above data is only for reference

Output

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



Characteristics



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