



GER Solar

GER-36M(M156)

GER-155M-36

GER-160M-36

GER-165M-36

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

10 years product warranty

25 years power output warranty

10 years for 90% of warranted minimum power output

25 years for 80% of warranted minimum power output

High Efficiency, High Quality

PV Module (4×9 cells)



Electrical Characteristics

Model	GER-155M-36	GER-160M-36	GER-165M-36
Open-circuit voltage (Voc)	22.7V	22.9V	23.1V
Optimum operating voltage (Vmp)	18.6V	18.8V	19.1V
Short-circuit current (Isc)	8.87A	9.02A	9.17A
Optimum operating current (Imp)	8.34A	8.48A	8.62A
Maximum power at STC (Pmax)	155Wp	160Wp	165Wp
Operating temperature	-40°C to +85°C		
Maximum system voltage	VDC 1000V		
	*STC: Irradiance 1000W/m ² , Module temperature 25°C, AM=1.5		

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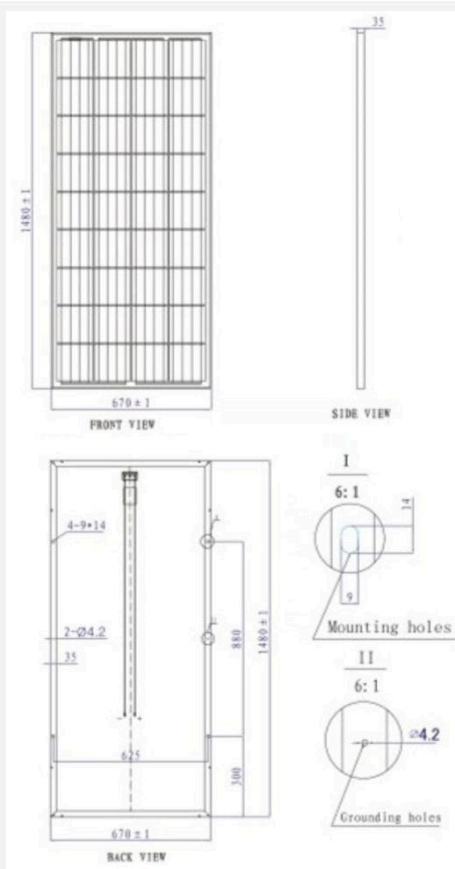
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Specifications

Cell	Monocrystalline 156×156mm
No. of cells	36(4×9)
Dimension of module	1480mm×670mm×35mm
Weight	12 kg

Temperature Coefficients

NOCT	45°C ± 2°C
Temperature coefficient of Isc	(0.06% ± 0.01)/°C
Temperature coefficient of Voc	-(0.34% ± 0.01)/°C
Temperature coefficient of Pmax	-(0.44% ± 0.01)/°C
Power tolerance	0~+3%

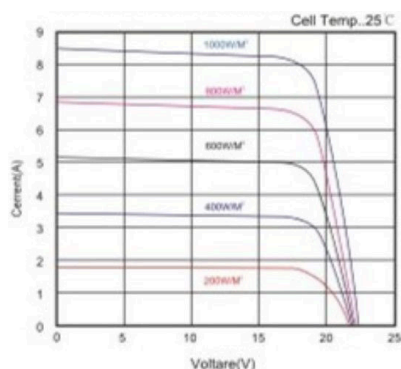
NOCT: Nominal operating Cell Temperature above data is only for reference

Output

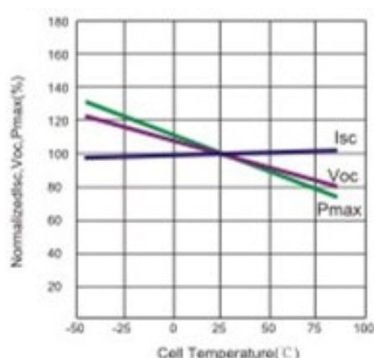
Cable	LAPP(4.0mm ²)
Asymmetrical lengths	1200mm(-) and 800mm(+)
Connection	MC Plug Type IV

Characteristics

I-V Curves of GER-155M-36



Power voltage current curve



Packing

Container	20'GP	40'GP
Pieces per pallet	30	30
Pallets per container	14	30
Pieces per container	490	1050

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