



GER Solar

GER-72M(M156)

GER-310M-72
GER-315M-72
GER-320M-72
GER-325M-72
GER-330M-72
GER-335M-72

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 (6×12 cells)



Electrical Characteristics

Model	GER-310M-72	GER-315M-72	GER-320M-72	GER-325M-72	GER-330M-72	GER-335M-72
Open-circuit voltage (Voc)	45.4V	45.9V	44.9V	45.1V	45.5V	45.9V
Optimum operating voltage (Vmp)	37.1V	37.5V	37.7V	37.9V	38.1V	38.3V
Short-circuit current (Isc)	8.89A	8.95A	9.04A	9.14A	9.24A	9.31A
Optimum operating current (Imp)	8.35A	8.41A	8.48A	8.58A	8.66A	8.74A
Maximum power at STC (Pmax)	310Wp	315Wp	320Wp	325Wp	330Wp	335Wp
Operating temperature	-40°C to +85°C					
Maximum system voltage	VDC 1000V					
	*STC: Irradiance 1000W/m ² , Module temperature 25°C, AM=1.5					

Ger Solar GmbH

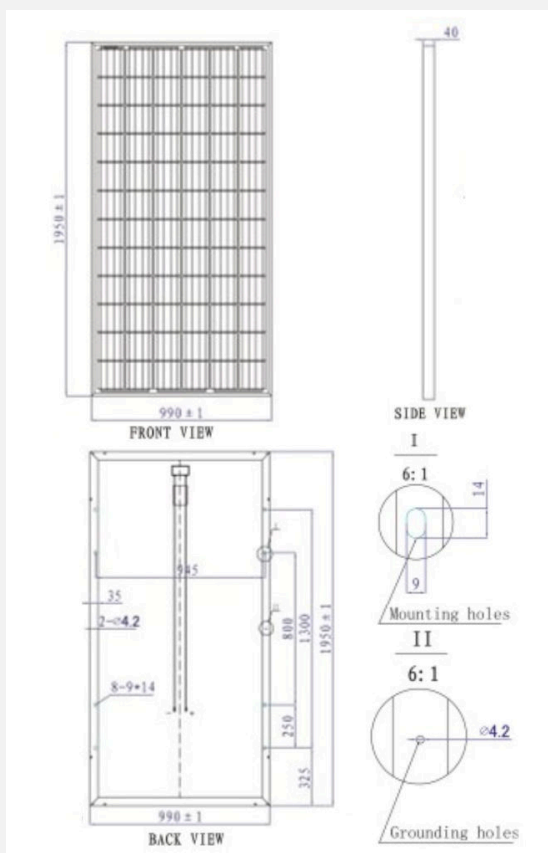
Kirchmattinger Straße 25, D-94330 Aiterhofen, Germany

Email: info@germania-energy.com

www.germania-energy.com.com



GER Solar



Specifications

Cell	Monocrystalline 156×156mm
No. of cells	72(6×12)
Dimension of module	1950mm×990mm×35mm
Weight	23kg

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%

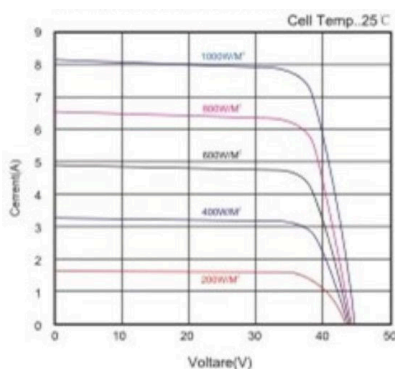
NOCT: Nominal operating Cell Temperature above data is only for reference

Output

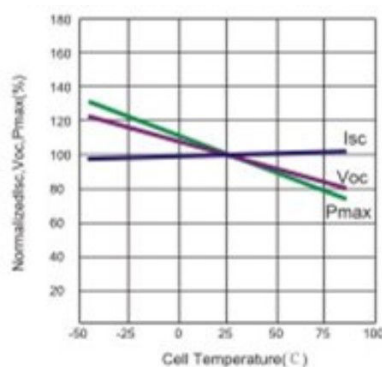
Cable	LAPP(4.0mm ²)
Asymmetrical lengths	1200mm(-) and 800mm(+)
Connection	MC Plug Type IV

Characteristics

I-V Curves of GER-310M-72



Power voltage current curve



Packing

Container	20'GP	40'GP
Pieces per pallet	27	27
Pallets per container	10	24
Pieces per container	270	648

Ger Solar GmbH

Kirchmattinger Straße 25, D-94330 Aiterhofen, Germany

Email: info@germania-energy.com

www.germania-energy.com