



**GER Solar**

## GER-36P

GER-150P-36

GER-155P-36

GER-160P-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-150P-36	GER-155P-36	GER-160P-36
Open-circuit voltage (Voc)	21.8V	22.0V	22.3V
Optimum operating voltage (Vmp)	18.4V	18.6V	18.8V
Short-circuit current (Isc)	8.71A	8.89A	8.91A
Optimum operating current (Imp)	8.17A	8.34A	8.51A
Maximum power at STC (Pmax)	150Wp	155Wp	160Wp
Operating temperature	-40°C to +85°C		
Maximum system voltage	VDC 1000V		
	*STC: Irradiance 1000W/m <sup>2</sup> , Module temperature 25°C, AM=1.5		

**Ger Solar GmbH**

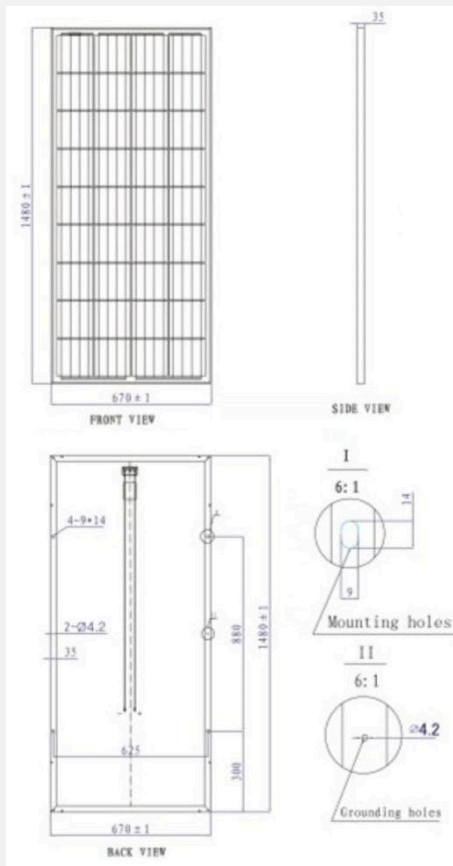
Kirchmattinger Straße 25, D-94330 Aiterhofen, Germany

Email: [info@germania-energy.com](mailto:info@germania-energy.com)

[www.germania-energy.com](http://www.germania-energy.com)



**GER Solar**



## Specifications

Cell	Polycrystalline 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%

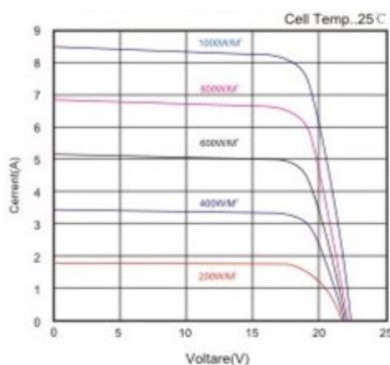
NOCT: Nominal operating Cell Temperature above data is only for reference

## Output

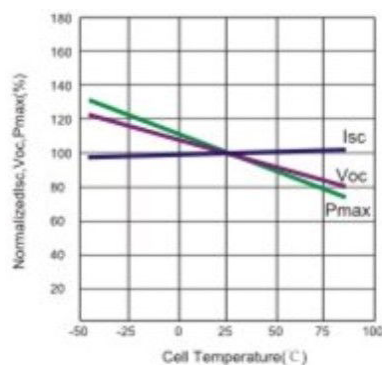
Cable	LAPP(4.0mm <sup>2</sup> )
Asymmetrical lengths	1200mm(-) and 800mm(+)
Connection	MC Plug Type IV

## Characteristics

I-V Curves of GER-150P-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

**Ger Solar GmbH**

Kirchmattinger Straße 25, D-94330 Aiterhofen, Germany

Email: [info@germania-energy.com](mailto:info@germania-energy.com)

[www.germania-energy.com](http://www.germania-energy.com)