



GEG Solar

GEG-240P

GEG-250P

GEG-255P

GEG-260P

GEG-265P

GEG-270P

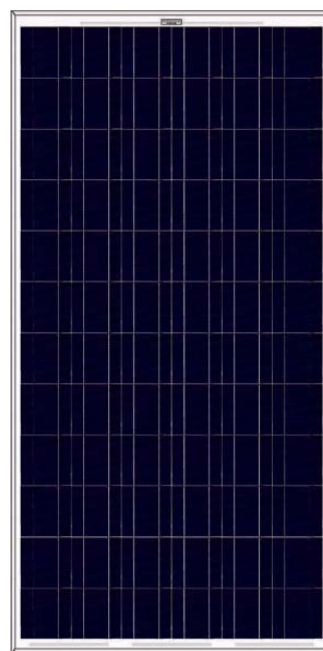
GEG-275P

GEG-280P

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



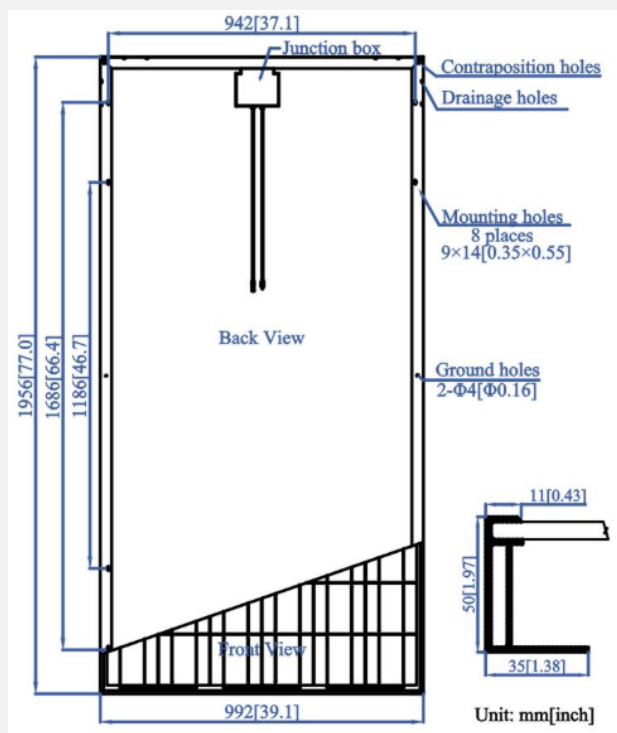
Electrical Characteristics

Model	GEG-240P	GEG-250P	GEG-255P	GEG-260P	GEG-265P	GEG-270P	GEG-275P	GEG-280P
Open-circuit voltage (Voc)	42.9V	43.3V	43.5V	43.7V	43.9V	44.1V	44.3V	44.5V
Optimum operating voltage (Vmp)	35.0V	35.4V	35.6V	35.8V	36.0V	36.1V	36.2V	36.4V
Short-circuit current (Isc)	7.60A	7.75A	7.84A	7.92A	8.00A	8.10A	8.20A	8.28A
Optimum operating current (Imp)	6.86A	7.06A	7.16A	7.26A	7.36A	7.48A	7.60A	7.70A
Maximum power at STC (Pmax)	240Wp	250Wp	255Wp	260Wp	265Wp	270Wp	275Wp	280Wp
Operating temperature	-40°C to +85°C							
Maximum system voltage	1000V							
	*STC: Irradiance 1000W/m ² , Module temperature 25°C, AM=1.5							

Germania Energy GmbH

Tel: +49-221-33457154 Fax: +49-221-33459236 Email: gf@germania-energy.com [Http://www.germania-energy.com](http://www.germania-energy.com)

ADD: Mathildenstraße 15, D-50679 Köln/ Deutz, Germany



Specifications

Cell	Polycrystalline silicon solar cells 156mmX156mm
No.of cells	72(6X12)
Dimension of module	1956mmX992mmX 50mm
Weight	23.5kg

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

