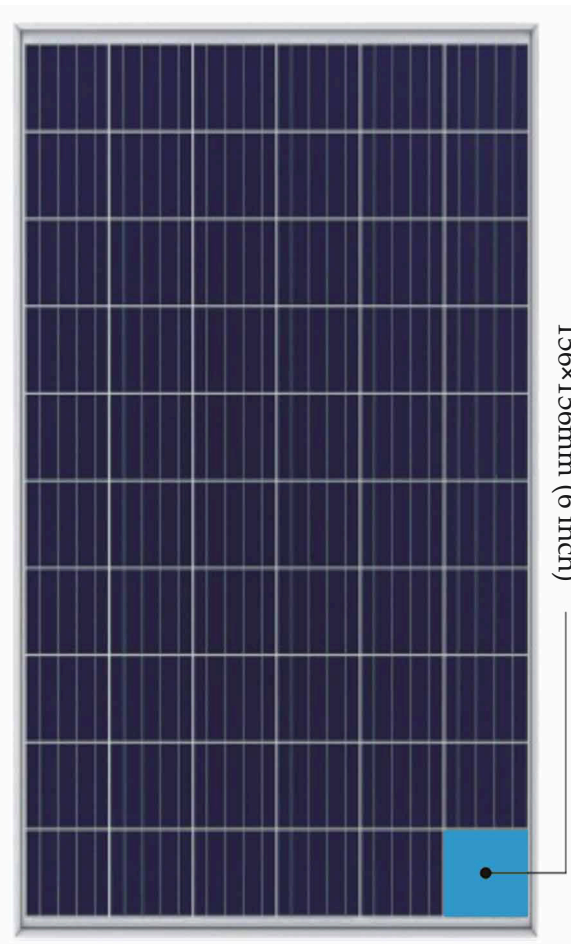


GER-60P (245-275Wp)



Features and benefits

- ◆ **High efficiency**
High module conversion efficiency (up to 16.80%), through innovative manufacturing technology.
- ◆ **Outstanding low-light performance**
Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.
- ◆ **High transparent low-iron, tempered glass**
Esthetic appearance, with stands high wind-pressure and snow load.
- ◆ **Positive power tolerance (0~+3%)**
To ensure the high reliability of power output.

CERTIFICATION



Guarantee

Guaranteed Performance

10  **Years**

10 Years
Manufacturing Warranty

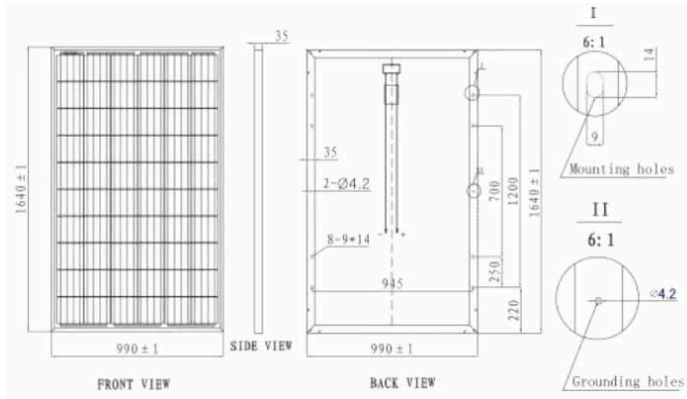
12  **Years** | **90%**
Power Output

12 Years Warranty
90% Power Output

25  **Years** | **80%**
Power Output

25 Years Warranty
80% Power Output

Engineering Drawings



Mechanical Characteristics

Cell Type	Poly-crystalline 156×156mm (6 inch)
Number of cells	60 (6×10)
Dimensions	1640mm×990mm×35mm
Weight	19.0kg
Front Glass	3.2mm tempered low iron glass
Frame	Anodized aluminum
Junction Box	IP67, with bypass diodes
Connector	MC4 compatible
Output Cables	TUV, ±length 900mm, 4.0mm ²
Mechanical Load	5400Pa

Electrical Characteristics

Model	GER-245P-60	GER-250P-60	GER-255P-60	GER-260P-60	GER-265P-60	GER-270P-60	GER-275P-60
Maximum Power at STC (Pmax)	245Wp	250Wp	255Wp	260Wp	265Wp	270Wp	275Wp
Open-circuit Voltage (Voc)	36.1V	36.3V	36.4V	36.7V	37.0V	37.2V	37.3V
Short-circuit Current (Isc)	8.63A	8.71A	8.80A	8.89A	8.94A	9.06A	9.20A
Maximum Power Voltage (Vmp)	30.4V	30.6V	30.7V	30.9V	31.0V	31.2V	31.3V
Maximum Power Current (Imp)	8.05A	8.17A	8.30A	8.42A	8.54A	8.65A	8.78A
Module Efficiency	15.09%	15.40%	15.71%	16.01%	16.32%	16.63%	16.94%

*STC: Irradiance 1000W/m², Module temperature 25°C, AM=1.5

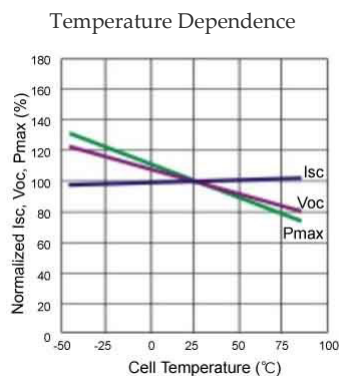
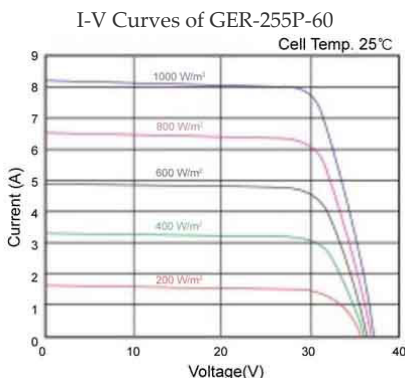
Temperature Characteristics

Temperature coefficient of Pmax	-0.44%/°C
Temperature coefficient of Voc	-0.34%/°C
Temperature coefficient of Isc	0.06%/°C
Norminal Operating Cell Temperature (NOCT)	45°C ± 2°C

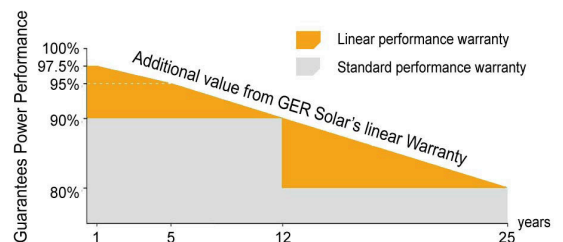
System Intergration Parameters

Operating temperature	-40°C to +85°C
Maximum system voltage	VDC 1000V
Maximum Series Fuse	15A
Number of bypass diodes	3
Increased snowload acc. to IEC 61215	5400Pa

Electrical Performance & Temperature Dependence



Linear Performance Warranty



Packaging Configuration

Container	20'GP	40'GP
Pieces per pallet	30	30
Pallets per container	14	28
Pieces per container	400	840