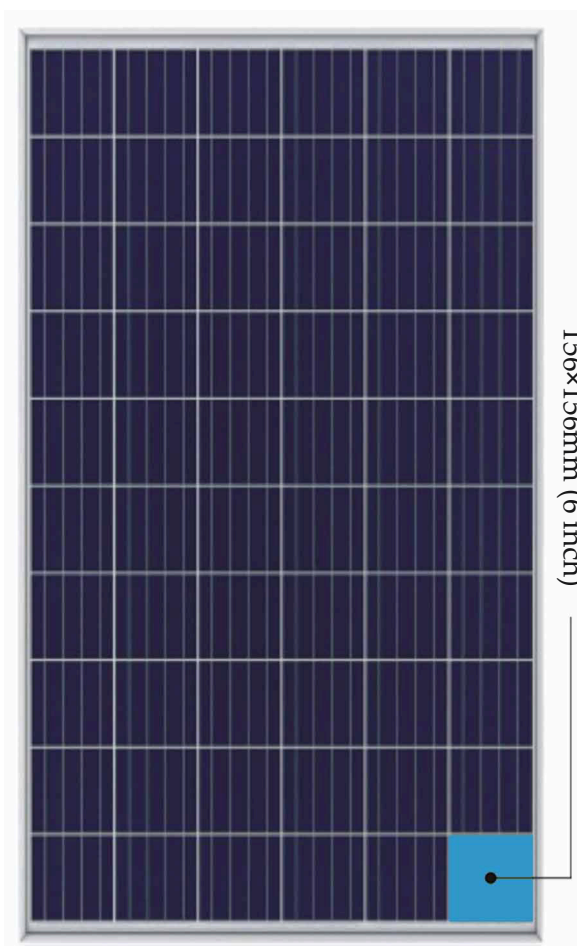


GER-60P (250-270Wp)



Features and benefits

- ◆ **High efficiency**
High module conversion efficiency, 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**

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

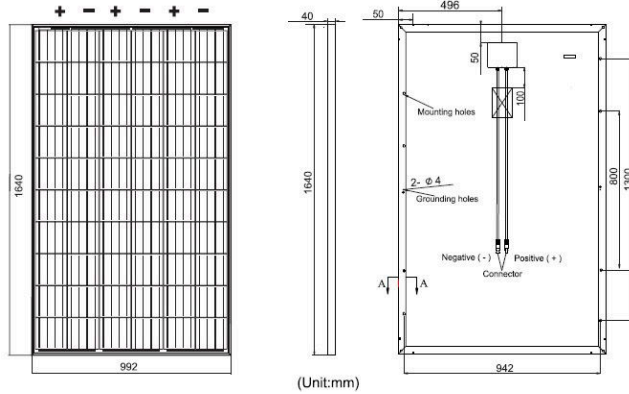
25  **Years** | **80%** **Power Output**

10 Years
Manufacturing Warranty

12 Years Warranty
90% 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×992mm×40mm
Weight	18.5kg
Front Glass	3.2mm tempered low iron glass
Frame	Anodized aluminum
Junction Box	IP67, with bypass diodes
Connector	MC4 compatible
Output Cables	TUV, ±length 1100/1200mm, 4.0mm ²
Mechanical Load	5400Pa

Electrical Characteristics

Model	GER-250P-60	GER-255P-60	GER-260P-60	GER-265P-60	GER-270P-60
Maximum Power at STC (Pmax)	250Wp	255Wp	260Wp	265Wp	270Wp
Open-circuit Voltage (Voc)	37.5V	37.7V	37.9V	38.1V	38.3V
Short-circuit Current (Isc)	8.79A	8.88A	8.98A	9.07A	9.16A
Maximum Power Voltage (Vmp)	30.2V	30.4V	30.6V	30.8V	31.0V
Maximum Power Current (Imp)	8.28A	8.39A	8.50A	8.61A	8.71A
Module Efficiency	15.4%	15.7%	16.0%	16.3%	16.6%

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

Temperature Characteristics

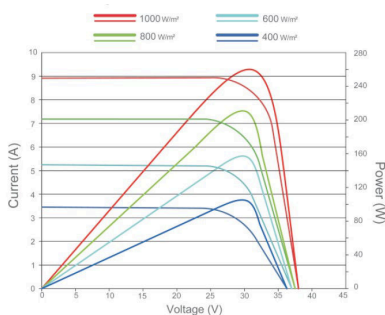
Temperature coefficient of Pmax	-0.43%/°C
Temperature coefficient of Voc	-0.33%/°C
Temperature coefficient of Isc	0.05%/°C
Norminal Operating Cell Temperature (NOCT)	45°C ± 2°C

System Intergration Parameters

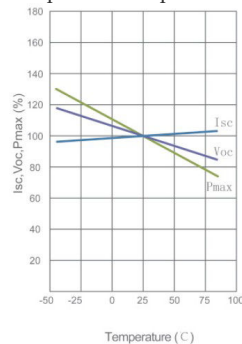
Operating temperature	-40°C to +85°C
Maximum system voltage	VDC 1000V
Maximum Series Fuse	15A
Number of bypass diodes	3
Increased snowload acc. to IEC 61215	5400Pa

Electrical Performance & Temperature Dependence

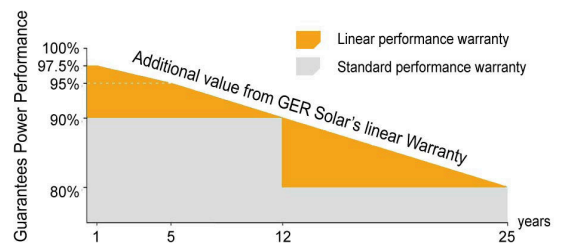
I-V Curves of GER-260P-60



Temperature Dependence



Linear Performance Warranty



Packaging Configuration

Container	40'HQ
Pieces per pallet	26
Pallets per container	28
Pieces per container	728