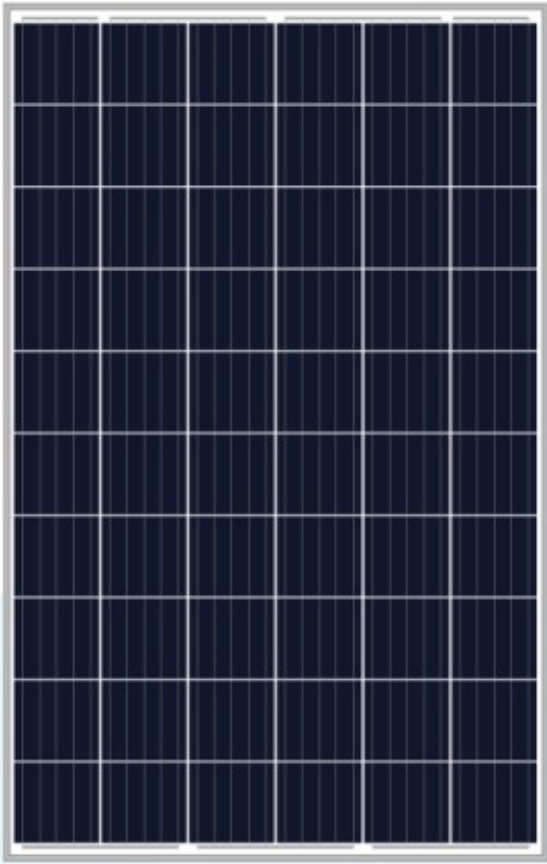




GIVO 280P Model



Characteristics

- High efficiency solar cell to keep the modules efficiency reach to 17.83%.
- Positive tolerance to ensure higher output.
- Excellent performance under weak light conditions.
- Modules withstand extremely (temperature, load and impact) TUV certification.
- All modules combination and packing through stepping current to keep effectively reduce mismatch loss.

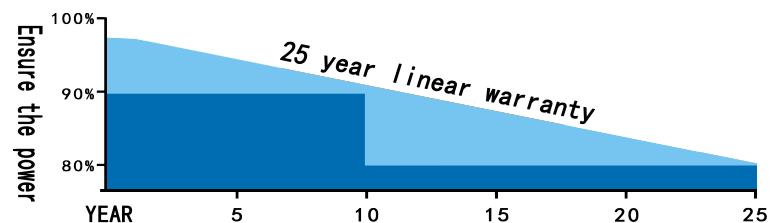
100% EL test to keep higher quality.

Warranty

- 25 years power output warranty, 90% power output for 10years, and 80% power output for 25years.
- 10 years workmanship warranty.



Anodized aluminum frame withstands corrosion and damage, Special osculum can reduce destruction by water freeze



Quality and safety

- ISO9001:2015 certified supplier, we provide world first class solar products for clients.

IEC 61215, IEC 61730, IEC, CEC, CE, TUV, approved.



IP67 junction box
long-term weather endurance.

Electrical Characteristics

Model No.	SW280P-60
Maximum Power (Pmax)	280W
Max-power Voltage (Vmp)	32.30V
Max-power Current (Imp)	8.69A
Open-circuit Voltage (Voc)	39.40V
Short-circuit Current (Isc)	9.20A
Module Efficiency	17.21%
Operating Temperature	-40°C~+85°C
Maximum System Voltage	1000Vdc
Maximum Series Fuse Rating	15A
Power Tolerance	0~+3%

*STC condition: 1000 W/m², 1.5AM and 25°C cell temperature.

Temperature Characteristics

NMOT	46°C±2°C
Temperature Co-efficient of Pmax	-0.398%/°C
Temperature Co-efficient of Voc	-0.340%/°C
Temperature Co-efficient of Isc	0.0576%/°C

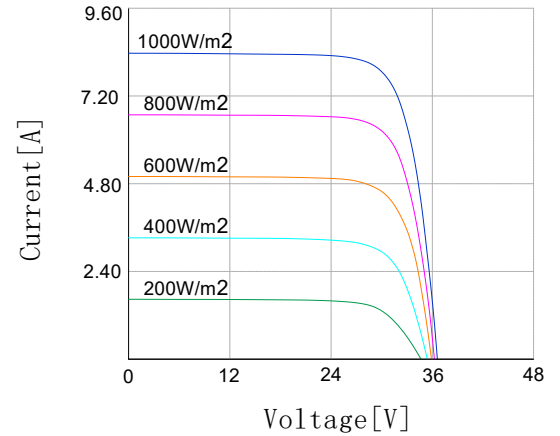
Mechanical Characteristics

Poly Power	280W
Cell Type	Poly 157*157mm
Cell Arrangement	60(6*10)
Dimensions	992*1640*35mm
Weight	17.6kg
Front Cover	3.2mm tempered glass
Frame Material	Anodized aluminium alloy
Junction Box	IP67 rated
Output Cables	4mm ² , Length 900mm+MC4

Packing

Packing	20'GP	40'GP
Pieces/ Pallet	30	30
Pieces/container	360	896

I-V Curve



Dimensions

