

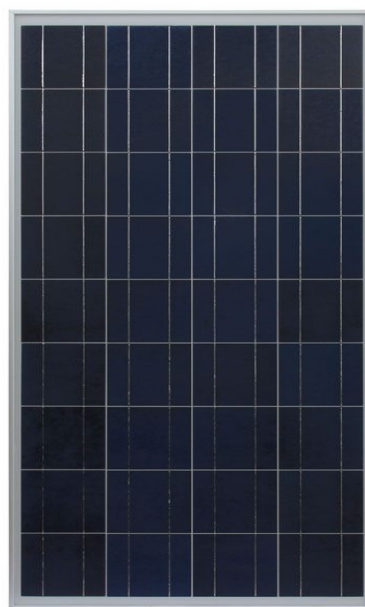
## Polycrystalline Module Models

GP-140P-36

### Electrical Specifications

\*STC : Irradiance 1000W/m<sup>2</sup>, AM1.5 spectrum, module temperature 25 °C

Model type	GP-140P-36
Peak power (Pmax)	140W
Cell Efficiency	18.35%
Maximum power voltage (Vmp)	19.1V
Maximum power current (Imp)	7.33A
Open circuit voltage (Voc)	22.6V
Short circuit current (Isc)	7.80A
Power Tolerance	±3%
Maximum system voltage	1000V
Series fuse rating (A)	10
Number of bypass diode	2



### Temperature Coefficients

Current Temperature Coefficient α(Isc)	0.08%/°C
Voltage Temperature Coefficient β(Voc)	- 0.32%/°C
Power Temperature Coefficient	-0.38%/°C
Nominal Temperature Of Cells(NOTC)	46±2°C
Application Temperature Range	-40~+85°C

### Mechanical Characteristics

Dimensions :	1320 x 670 x 35mm (51.97x26.38x1.38 inch)
Weight:	9.5 kg (21.09lbs)
Solar Cells:	36 cells in series(4 x 9)
Construction:	High-transmission low-iron tempered glass , EVA, TPT/TPE
Frame:	Anodized aluminum is mainly for improving corrosion resistance. Color: silver

### Output (Optional)

Cable	LAPP(4 mm <sup>2</sup> )
Lengths	900mm(-) and 900mm(+)
Connector	MC Plug Type IV

### Module Warranty:

25-year limited warranty of 80% power output;

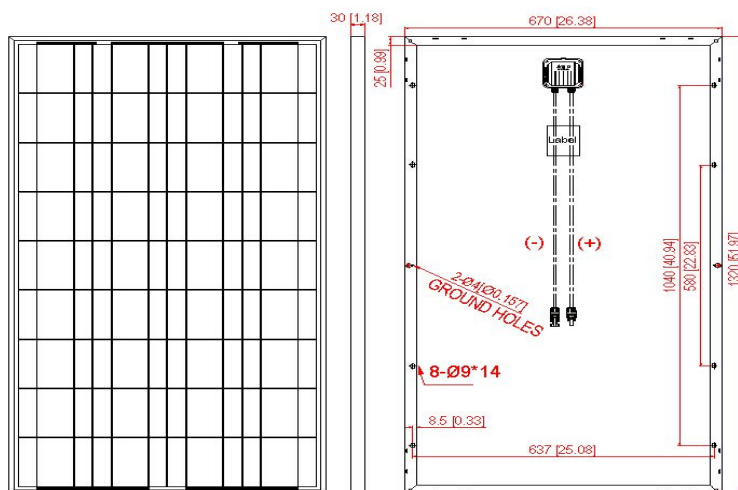
10-year limited warranty of 90% power output;

5-year limited warranty of materials and workmanship.

**Note:** This publication summarizes product warranty and

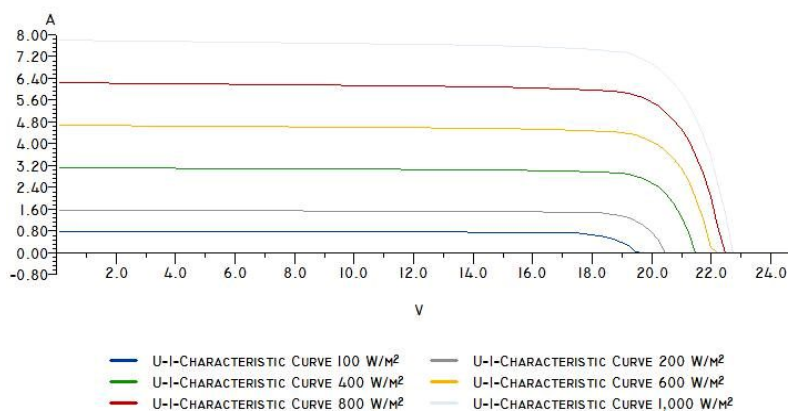
Specifications which are subject to change without notice

Product photos are for reference only, on behalf of actual product.



### Module Diagram

U-I-CHARACTERISTIC CURVE AT 25 °C



### Electrical Performance