



Gi-Power

## Polycrystalline Module Models

GP-040P-36

### Electrical Specifications

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

Model type	GP-040P-36
Peak power (Pmax)	40W
Cell Efficiency	16.43%
Maximum power voltage (Vmp)	18.1V
Maximum power current (Imp)	2.21A
Open circuit voltage (Voc)	22.0V
Short circuit current (Isc)	2.37A
Power Tolerance	±3%
Maximum system voltage	600V
Series fuse rating (A)	3
Number of bypass diode	2



### Temperature Coefficients

Current Temperature Coefficient $\alpha(I_{sc})$	0.08%/°C
Voltage Temperature Coefficient $\beta(V_{oc})$	-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:	420 x 670 x 25mm (16.54x26.38x0.98 inch)
Weight:	3.3 kg (7.33 lbs)
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	
Lengths	
Connector	

### Module Warranty:

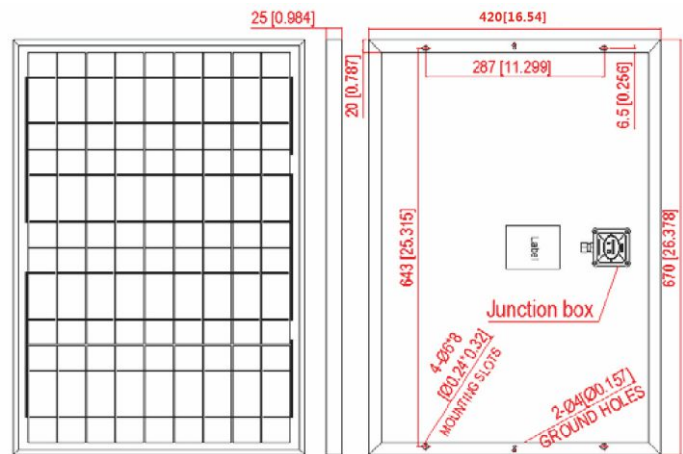
25-year limited warranty of 80% power output;

10-year limited warranty of 90% power output;

5-year limited warranty of materials and workmanship.

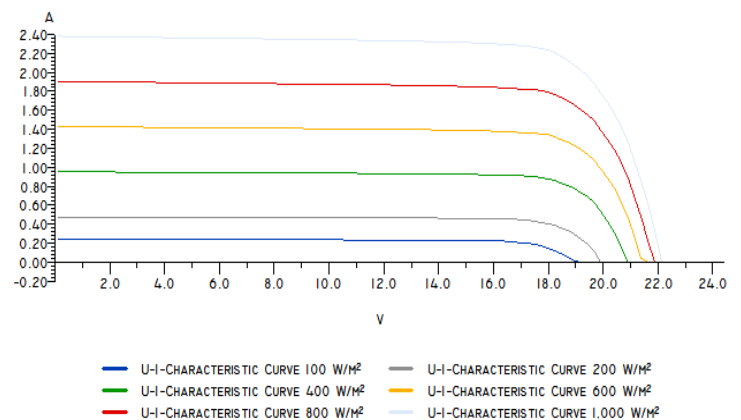
**Note:** This publication summarizes product warranty and Specifications which are subject to change without notice

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



Module Diagram

U-I-CHARACTERISTIC CURVE AT 25 °C



### Electrical Performance