

## Polycrystalline Module Models

GP-020P-36

### Electrical Specifications

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

Model type	GP-020P-36
Peak power (Pmax)	20W
Cell Efficiency	16.46%
Maximum power voltage (Vmp)	18.0V
Maximum power current (Imp)	1.11A
Open circuit voltage (Voc)	21.8V
Short circuit current (Isc)	1.18A
Power Tolerance	±3%
Maximum system voltage	600V
Number of bypass diode	0

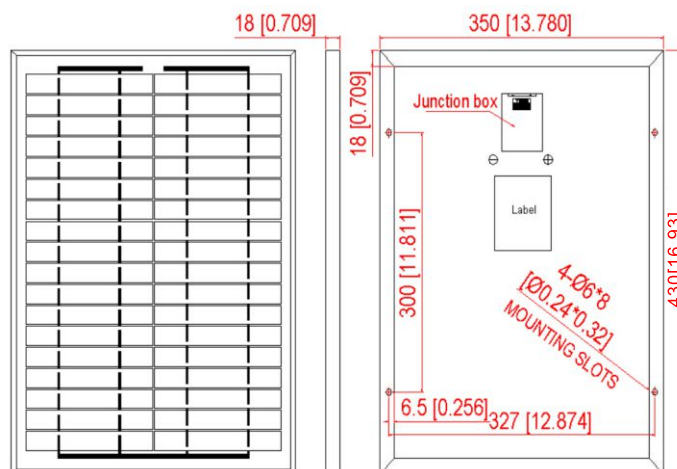


### Temperature Coefficients

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:	350 x 430 x 18mm (13.78x16.93x0.71 inch)
Weight:	1.90 kg (4.22 lbs)
Solar Cells:	36 cells in series(2 x 18)
Construction:	High-transmission low-iron tempered glass , EVA, TPT/TPE
Frame:	Anodized aluminum is mainly for improving corrosion resistance. Color: silver



Module Diagram

### Output(Optional)

Cable
Lengths
Connector

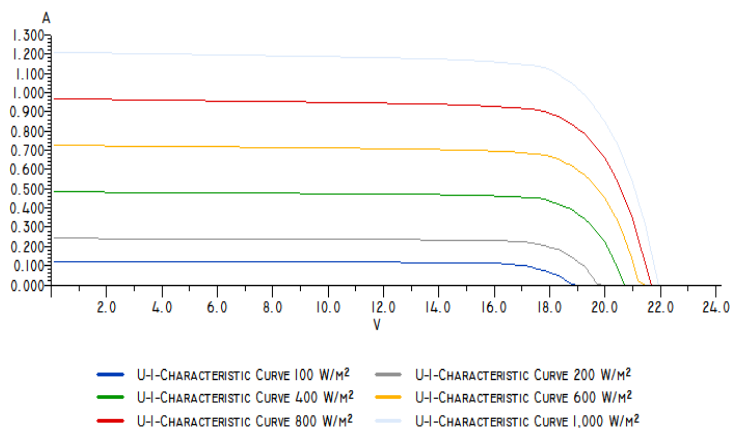
### Module Warranty:

- 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.

U-I-CHARACTERISTIC CURVE AT 25 °C



Electrical Performance