

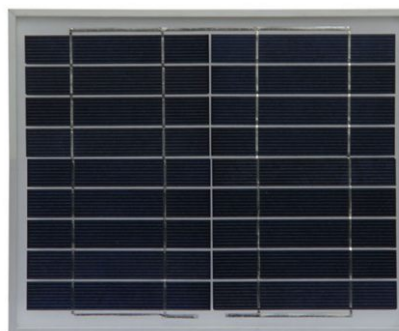
Polycrystalline Module Models

GP-010P-18

Electrical Specifications

*STC : Irradiance 1000W/m², AM1.5 spectrum, module temperature 25 °C

Model type	GP-010P-18
Peak power (Pmax)	10W
Cell Efficiency	16.44%
Maximum power voltage (Vmp)	9.0V
Maximum power current (Imp)	1.11A
Open circuit voltage (Voc)	11.0V
Short circuit current (Isc)	1.20A
Power Tolerance	±3%
Maximum system voltage	300V
Series fuse rating (A)	2
Number of bypass diode	0



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:	350 x 230 x 18mm (13.78x 9.06 x 0.71 inch)
Weight:	1.13 kg (2.50 lbs)
Solar Cells:	18 cells in series(2 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:

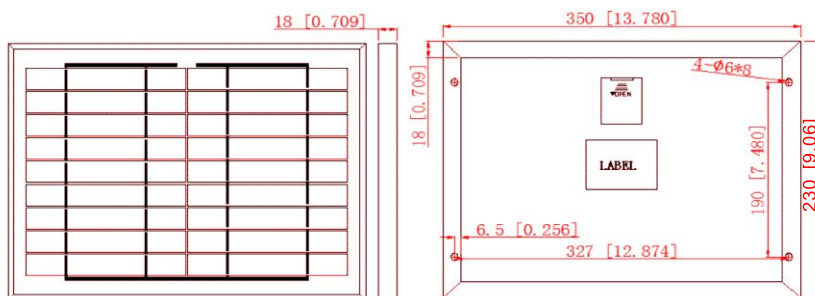
25-year limited warranty of 80% power output;

10-year limited warranty of 90% power output;

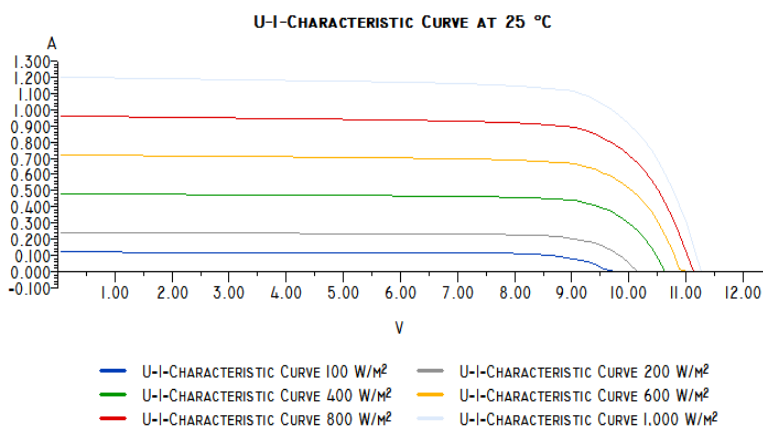
5-year limited warranty of materials and workmanship.

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



Electrical Performance