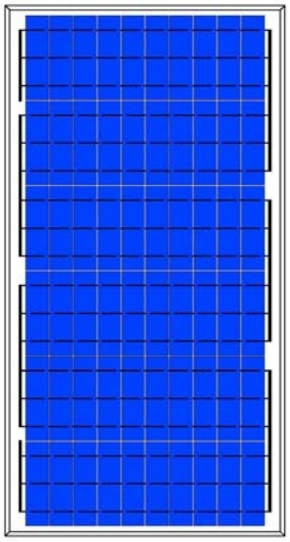
60W Polycrystalline Solar Panel

Energy to Empower

Electrical Specifications

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

Model type	GP-060P-60
Peak power (Pmax)	60W
Cell Efficiency	16.8%
Maximum power voltage (Vmp)	30.8V
Maximum power current (Imp)	1.94A
Open circuit voltage (Voc)	36.84V
Short circuit current (Isc)	2.07A
PowerTolerance	±3%
Maximum system voltage	800V
Series fuse rating (A)	7
Number of bypass diode	



Temperature Coefficients

Current Temperature Coefficient	α(Isc)	0.08%/℃
Voltage Temperature Coefficient	β(Voc)	- 0.32%/℃
Power Temperature Coefficient	γ(Pmax)	-0.38%/℃

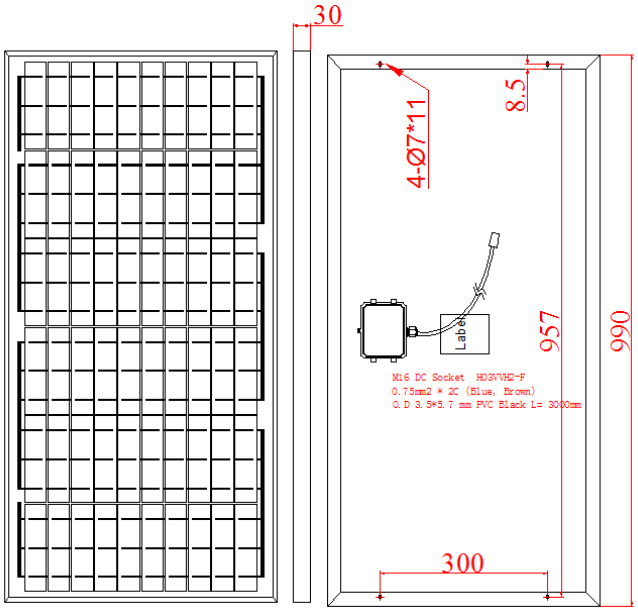
Mechanical Characteristics

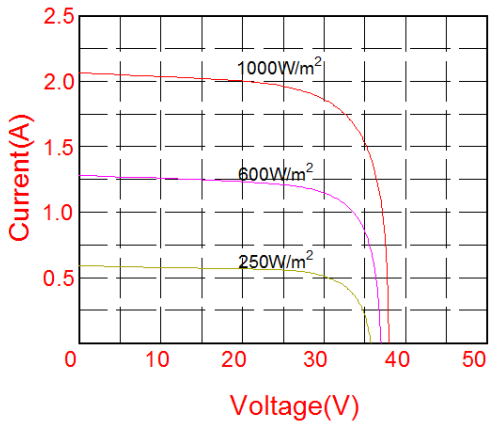
Dimensions： 990 x 490 x 30mm

Weight:	5.78 kg
Solar Cells:	60 cells in series(6 x 10)
Construction:	High-transmission low-iron tempered glass , EVA, TPT
Frame:	Anodized aluminum is mainly for improving corrosion resistance. Color: silver

Output

Cable	HO3VVH2-F 0.75mm2*2C(Blue/Brown)
Lengths	3000 mm
Connector	M16 DC Socket



Module Diagram

Electric Performance