

Polycrystalline Module Models

GP-130P-36 GP-120P-36

Electrical Specifications

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

Model type	GP-130P-36	GP-120P-36
Peak power (Pmax)	130W	120W
Cell Efficiency	18.4%	17.0%
Maximum power voltage (Vmp)	19.0V	18.4V
Maximum power current (Imp)	6.84A	6.52A
Open circuit voltage (Voc)	23.0V	22.5V
Short circuit current (Isc)	7.24A	7.01A
Power Tolerance	±3%	
Maximum system voltage	1000V	
Series fuse rating (A)	10	
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:	1230x670x30mm (48.43x26.38x1.18inch)
Weight:	8.6kg(18.96lbs)
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 ²)
Lengths	900mm(-) and 900mm(+)
Connector	MC Plug Type IV

Module Warranty:

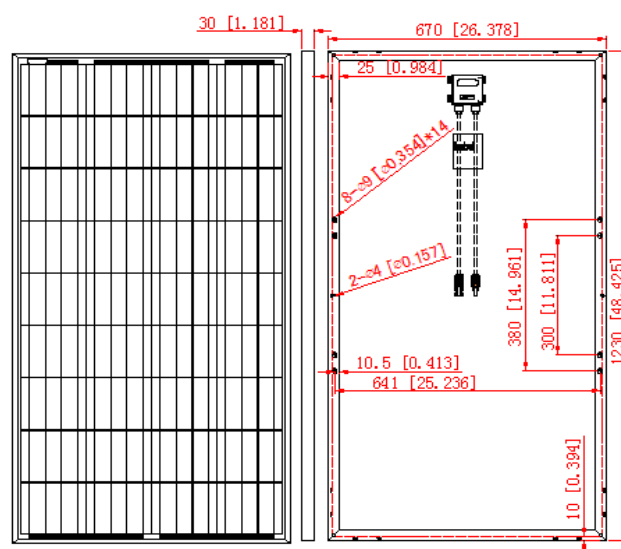
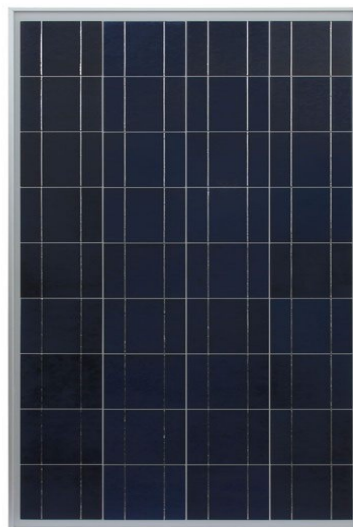
25-year limited warranty of 80% power output;

10-year limited warranty of 90% power output;

5-year limited warranty of materials and workmanship.

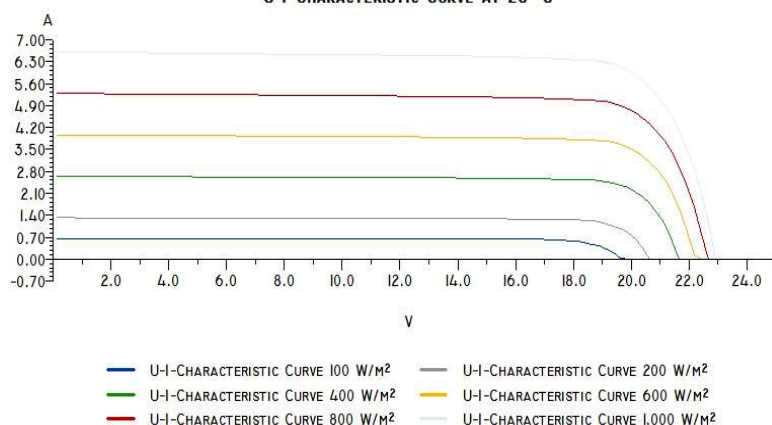
Note: This publication summarizes product warranty and Specifications which are subject to change without notice

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



Module Diagram

U-I-CHARACTERISTIC CURVE AT 25 °C



Electrical Performance