

Polycrystalline Module Models

GP-110P-36 GP-105P-36 GP-100P-36

Electrical Specifications

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

Model type	GP-110P-36	GP-105P-36	GP-100P-36
Peak power (Pmax)	110W	105W	100W
Cell Efficiency	18.83%	18.52%	17.64%
Maximum power voltage (Vmp)	19.5V	19.2V	18.7V
Maximum power current (Imp)	5.64A	5.47A	5.35A
Open circuit voltage (Voc)	23.0V	22.6V	22.3V
Short circuit current (Isc)	5.97A	5.82A	5.69A
Power Tolerance		±3%	
Maximum system voltage		800V	
Series fuse rating (A)		8	
Number of bypass diode		2	



Temperature Coefficients

Current Temperature Coefficient $\alpha(Isc)$	0.08%/℃
Voltage Temperature Coefficient β (Voc)	- 0.32%/℃
Power Temperature Coefficient	-0.38%/℃
Nominal Temperature Of Cells(NOTC)	46 ±2 ℃
Application Temperature Range	-40~+85℃

Mechanical Characteristics

Dimensions: 1015 x 670 x 30mm

(39.96x26.38x1.18 inch)

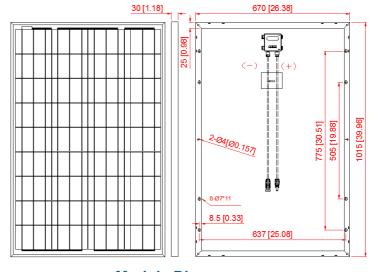
Weight: 7.2 kg (15.98 lbs)
Solar Cells: 36 cells in series(4 x 9)

Construction: High-transmission low-iron tempered

glass , EVA, TPT/TPE

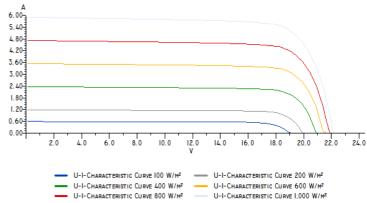
Frame: Anodized aluminum is mainly for improving

corrosion resistance. Color: silver



Module Diagram

U-I-CHARACTERISTIC CURVE AT 25 °C



Electrical Performance

Output(Optional)

	• ,
Cable	LAPP(4 mm ²)
Lengths	900mm(-) and 900mm(+)
Connector	MC Plug Type IV

Module Warranty:

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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.

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