

Monocrystalline Module Models

GP-300M-60

Electrical Specifications

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

Model type	GP-300M-60
Peak power (Pmax)	300W
Cell Efficiency	21.1%
Maximum power voltage (Vmp)	33.3V
Maximum power current (Imp)	9.00A
Open circuit voltage (Voc)	38.9V
Short circuit current (Isc)	9.39A
Power Tolerance	±3%
Maximum system voltage	1000V
Series fuse rating (A)	12
Number of bypass diode	3

Temperature Coefficients

Current Temperature Coefficient α(Isc)	0.03%/°C
Voltage Temperature Coefficient β(Voc)	- 0.32%/°C
Power Temperature Coefficient	-0.42%/°C
Nominal Temperature Of Cells(NOTC)	46±2°C
Application Temperature Range	-40~+85°C

Mechanical Characteristics

Dimensions :	1650 x 992 x 35mm (64.96x39.06x1.38 inch)
Weight:	17.5kg (38.58 lbs)
Solar Cells:	60 cells in series(6x 10)
Container	868Pcs/40'HQ; 784Pcs/40GP
Loading Qty.:	372Pcs/20GP
Construction:	High-transmission low-iron tempered glass , EVA, TPT/TPE
Frame:	Anodized aluminum is mainly for improving corrosion resistance. Color: silver

Output

Cable	LAPP(4 mm ²)
Lengths	1000mm(-) and 1000mm(+)
Connector	MC Plug Type IV

Module Warranty:

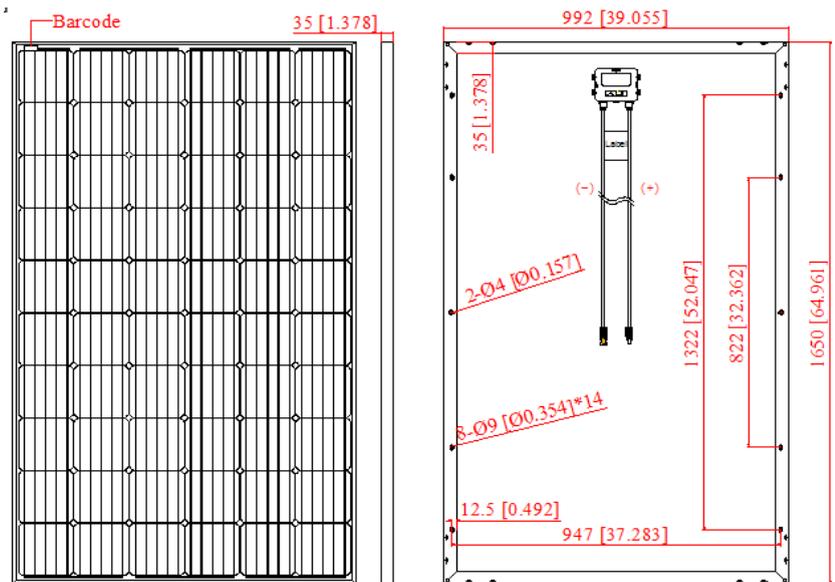
25-year limited warranty of 80% power output;

10-year limited warranty of 90% power output;

10-year limited warranty of materials and workmanship.

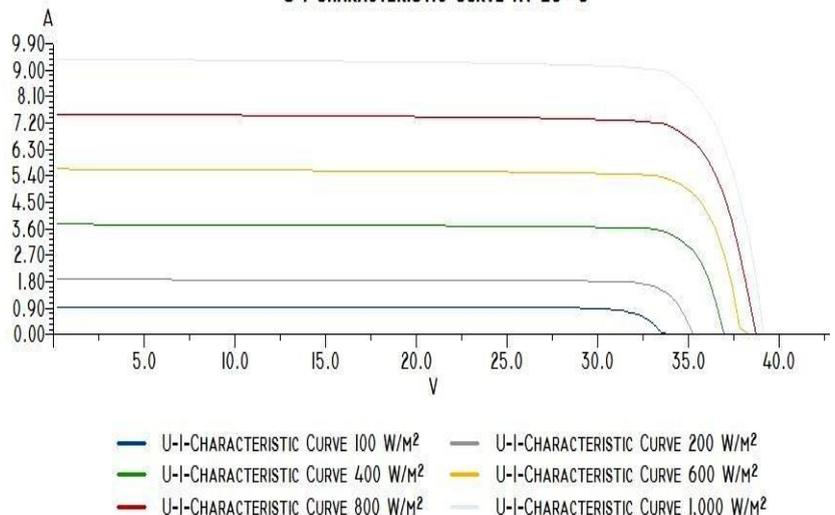
Note: This publication summarizes product warranty and Specifications which are subject to change without notice

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



Module Diagram

U-I-CHARACTERISTIC CURVE AT 25 °C



Electrical Performance