

Polycrystalline Module Models

GP240PB	GP235PA	GP230PB
GP225PB	GP220PA	GP215PA

Electrical Specifications

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

Model type	GP240PB	GP235PA	GP230PB	GP225PA	GP220PA	GP215PA
Peak power (Pmax)	240W	235W	230W	225W	220W	215W
Cell Efficiency	16.44%	16.10%	15.75%	15.41%	15.07%	14.72%
Maximum power voltage (Vmp)	30.85V	30.58V	30.29V	30.03V	29.76V	29.48V
Maximum power current (Imp)	7.78A	7.69A	7.59A	7.50A	7.39A	7.29A
Open circuit voltage (Voc)	37.02V	36.78V	36.53V	36.30V	36.06V	35.80V
Short circuit current (Isc)	8.35A	8.26A	8.19A	8.11A	8.03A	7.95A
Power Tolerance						±3%
Maximum system voltage						1000V
Series fuse rating (A)						16
Number of bypass diode						6

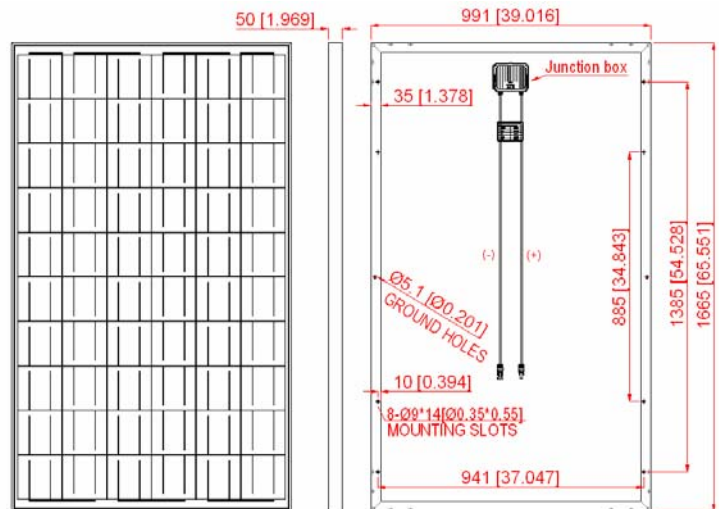
Temperature Coefficients

Current Temperature Coefficient	$\alpha(I_{sc})$	0.08%/°C
Voltage Temperature Coefficient	$\beta(V_{oc})$	- 0.32%/°C
Power Temperature Coefficient	$\gamma(P_{max})$	-0.38%/°C

Mechanical Characteristics

Dimensions:	1665 x 991 x 50mm (65.55x39.02x1.97 inch)
Weight:	19.8 kg (43.7 lbs)
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

Module Diagram



Output(Optional)

Cable	LAPP(4 mm ²)
Lengths	900mm(-) and 900(+)
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

Electrical Performance

