



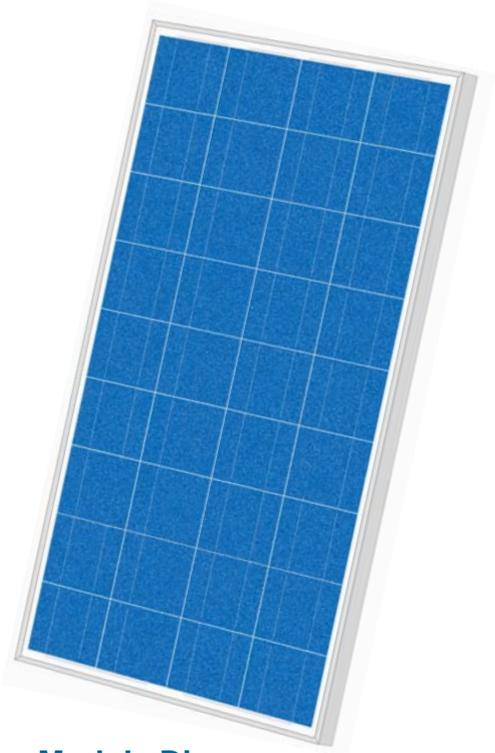
## Polycrystalline Module Models

GP140PA GP135PA GP130PA GP125PA

## Electrical Specifications

\*STC : Irradiance 1000W/m<sup>2</sup>, AM1.5 spectrum, module temperature 25°C

Model type	GP140PA	GP135PA	GP130PA	GP125PA
Peak power (Pmax)	140W	135W	130W	125W
Cell Efficiency	16.0%	15.41%	14.84%	14.26%
Maximum power voltage (Vmp)	18.29V	18.02V	17.74V	17.47V
Maximum power current (Imp)	7.66A	7.49A	7.33A	7.15A
Open circuit voltage (Voc)	22.02V	21.77V	21.53V	21.29V
Short circuit current (Isc)	8.23A	8.10A	7.97A	7.84A
Power Tolerance		±3%		
Maximum system voltage		1000V		
Series fuse rating (A)		12		
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	$\gamma(P_{max})$	-0.38%/°C

## Mechanical Characteristics

Dimensions:	1482 x 676 x 35mm (58.3x26.6x1.38 inch)
Weight:	12.5 kg (27.5 lbs)
Solar Cells:	36 cells in series(4 x 9)
Construction:	High-transmission low-iron tempered glass , EVA, TPT
Frame:	Anodized aluminum is mainly for improving corrosion resistance. Color: silver

## Output(Optional)

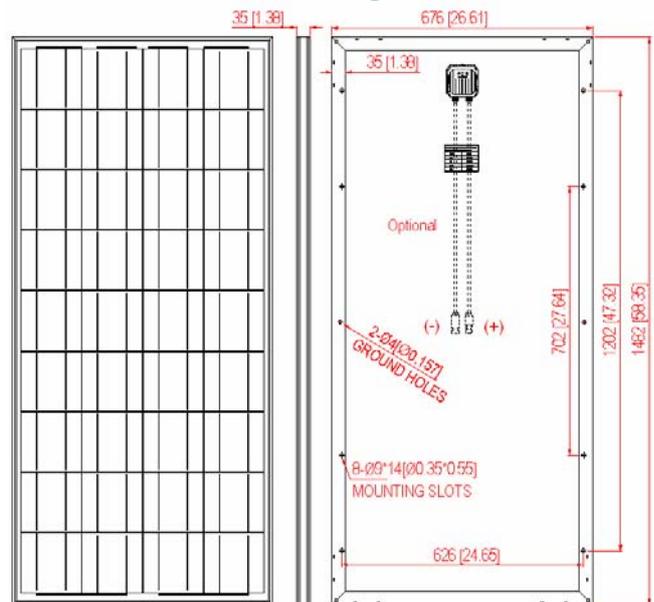
Cable	LAPP(4 mm <sup>2</sup> )
Lengths	750mm(-) and 750(+)
Connector	MC Plug Type IV

## 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

## Module Diagram



## Electrical Performance

