

## Polycrystalline Photovoltaic Module



### FP325SERIES

#### WHY FURTHER POWER MODULE

- Antireflective coating and highly transparent solar glass maximizing energy yield
- Quality test during all manufacturing process. Only modules that achieve the designated nominal performance or greater in tests are dispatched
- High yield under weak light condition by using high efficient cells
- Industry leading module power output warranty
- Guaranteed average positive power output to ensure energy yield reliability

#### APPLICATION

- Commercial/industrial building roof top system
- Residential roof top system
- Solar power plants
- Off-grid system
- Other grid-tied application

#### POWER WARRANTY



80% Power Output Warranty



90% Power Output Warranty



Material & Workmanship Warranty

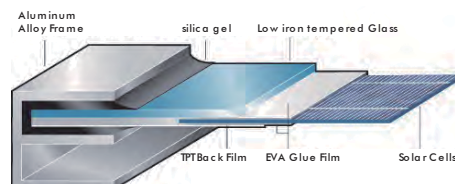


Qualified, IEC 61215

Safety tested, IEC 61730

Periodic Inspection

Power Controlled



Solar PV Module structure diagram



Modules are assembled with high quality, smooth aluminum alloy frames

## ELECTRICAL DATA

Model No.		FP325WP	
Maximum Power (Pmax)		325WP	
Maximum Power Voltage (Vmp)		37.4V	
Maximum Power Current (Imp)		8.70A	
Open Circuit Voltage (Voc)		45.5V	
Short Circuit Current (Isc)		9.20A	
Power Tolerance (Wp)		+/-3%	
Maximum System Voltage (Vdc)		600V(UL) / 1000V(TUV)DC	
Maximum Rated Current Series		15A	

STANDARD TEST CONDITIONS (STC) - AM 1.5; IRRADIATION 1000W/M<sup>2</sup> CELL TEMP. 25 °C

## CELL TECHNOLOGY AND MECHANICAL DATA

Cells Type and Size	Polycrystalline 156.75x156.75 (5BB)
Number and Array of Cell	72pcs / 6 x 12
Frame structure	Anodized Aluminum Alloy
Front glass and thickness	High transmitted, Low iron tempered Glass, 3.2mm
Junction Box	IP65 Rated
Connectors, Cable and Length	TUV1x4.0MM <sup>2</sup> / UL12AWG; Length 900mm / 1200mm

## THERMAL PERFORMANCE

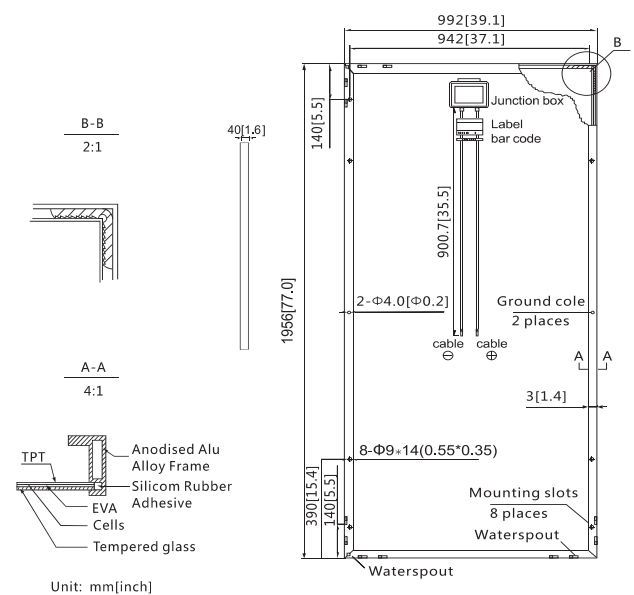
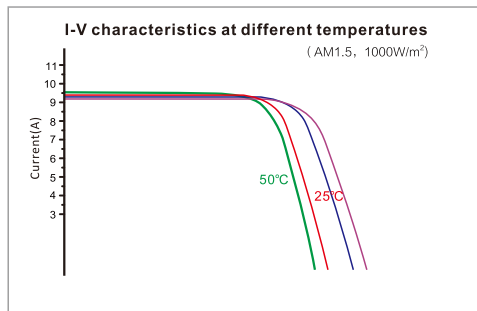
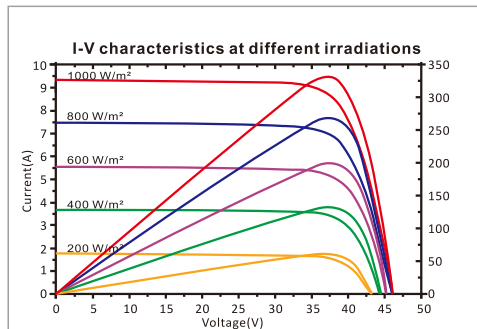
Temp. coefficient of Pmax (%/°C)	-0.41
Temp. coefficient of Voc (%/°C)	-0.31
Temp. coefficient of Isc (%/°C)	0.06
Nominal operating Cell Temp.(NOCT)	45 ± 2°C
Operating and Storage Temp.	-40+85

## MODULE DIMENSIONS

Dimension	1956x992x40mm
Weight	22.0kg

## PACKING DATA

	40'HC	20'GP
Modules/Pallet	27	27
Pallets/Container	24	10
Modules/Container	640	270



Due to our continual improvements, the products covered by this brochure may be changed without notice

The date do not refer to a single module and they are not part of the offer, they only serve for comparison to different module type