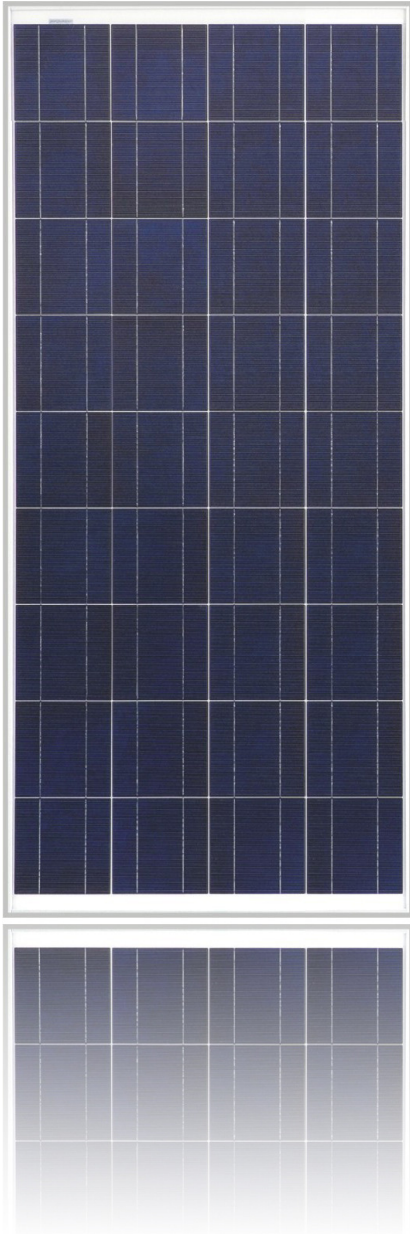


## Model (PV120POLY ) Specifications



### Electrical Data

Maximum Power(W)	120W
Optimum Power Voltage(Vmp)	17.49V
Optimum Operating Current(Imp)	6.86A
Open Circuit Voltage(Voc)	21.67V
Short Circuit Current(Isc)	7.34A
Cell Efficiency (%)	13.69%
Module Efficiency (%)	12.10%
Tolerance Wattage(e.g. +/-3%)	±3%
NOCT	47°C +/-2°C

### Benefits

- ☐ High efficiency solar cells with high transmission and textured glass are delivering high efficiency for modules;
- ☐ Bypass diode minimizes the power drop caused by shade;
- ☐ Tempered glass, EVA resin, and weatherproof film, plus aluminum frame for extended outdoor use;
- ☐ Modules independently tested to ensure conformance with certification and regulatory standards;
- ☐ Manufacturing facility certified to ISO 9001 quality management system standards.

### Temperature Coefficients

Temperature Coefficients of Isc(%)/°C	+0.04
Temperature Coefficients of Voc(%)/°C	-0.38
Temperature Coefficients of Pm(%)/°C	-0.47
Temperature Coefficients of Im(%)/°C	+0.04
Temperature Coefficients of Vm(%)/°C	-0.38

### Applications

- ☐ On-grid residential roof-tops
- ☐ On-grid commercial/industrial roof-tops
- ☐ Solar power stations
- ☐ Other on-grid applications



## Model (PV120POLY )Specifications

### Components & Mechanical Data

Solar Cell	156*156 Poly
Number of Cell(pcs)	4*9
Size of Module(mm)	1485*668*35
Front Glass Thickness(mm)	3.2
Surface Maximum Load Capacity	2400Pa
Allowable Hail Load	23m/s ,7.53g
Weight Per Piece(KG)	11.6
Junction Box Type	Pass the TUV Certificate
Bypass Diode Rating(A)	10
Cable & Connector Type	Pass the TUV Certificate
Frame(Material Corners,etc.)	35#
Backing (Brand Type)	TPT
Temperature Range	-40°C to +85°C
FF (%)	70-76%
Standard Test Conditions	AM1.5 1000W/m <sup>2</sup> 25 +/-2°C

### Warranty

Warranty	25 year limited power warranty
	10 year limited product warranty
Certifications	IEC 61215, IEC 61730

### Packing

Packing	Wooden box
1*20'	15Pallets/600pcs
1*40'HQ	44Pallets/1320pcs

### Engineering Drawings

