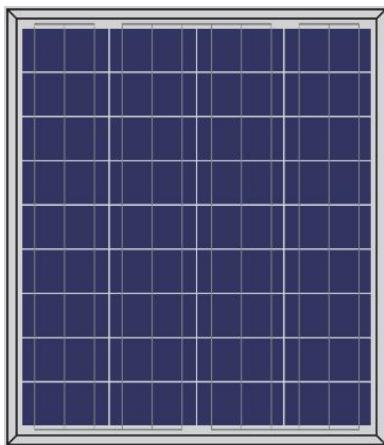




# POLYCRYSTALLINE SILICON MODULE 70W

6P-70 6P-75 6P-80



## Products Characteristics

- Widely using of the most popular and mature type of modules for off-grid system.
- Leading manufacturing technology in PV industry, strictly control the quality of raw materials and the process of producing.
- 100% EL inspection, ensures modules are defects free.
- Cells binned by current to improve module performance.
- Anti-reflection glass. Not only to increase the light absorption, but also to make the module has the function of self-cleaning in water environment, effectively reducing the power loss caused by dust.
- Outstanding performance in low-light irradiance environments.
- Excellent mechanical load resistance: Certified to withstand high wind load(2400pa) and snow loads (5400pa).
- High performance of salt and ammonia resistance.
- Positive power tolerance: 0~+5W.

## Warranty

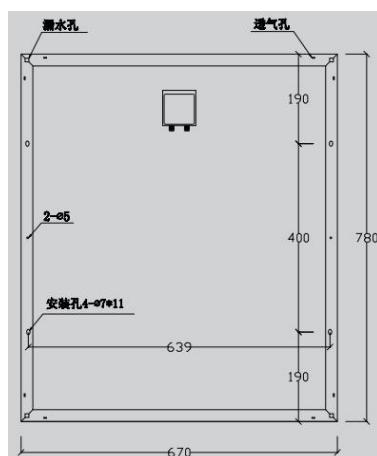
- 10 years products warranty.
- 10 years 90%, 25 years 80% output power warranty.

## PRODUCTS CERTIFICATION

- ISO9001:2008: ISO Quality management systems
- IEC61215、IEC61730
- CQC Certificate
- CE Certificate
- SGS-TUV Certificate

## Raw materials and mechanical para.

6P-70 6P-75 6P-80	
Solar cell dimension (mm)	Poly crystalline156X78/156X39mm
Solar cell quantity (pcs)	4X9=36/4X18=72
Module dimension (mm)	780X670X30
Module weight (kg)	5.9
Glass	3.2mmTempered Glass
Encapsulation	EVA
Backsheet	Multilayer composite
Aluminium-frame	Silver/black Anodized aluminium alloy
Junction box	IP65/IP67
Cable	NA, but customized is acceptable
Connector	NA, but MC4 or MC4 compatible are acceptable
Package configuration	6pcs/ctn



Engineering  
Drawing  
(Back Side)

## Performance parameters

### 6P-70 6P-75 6P-80

Maximum system voltage	700V
Operating temperature	-45°C +80°C
Maximum series fuse	10A
Maximum static load, front side (e.x. snow, wind)	5400PA
Maximum static load, back side (e.x. wind)	2400PA
Application grade	Class A

## Electrical parameters (Standard test condition)

### 6P-70 6P-75 6P-80

Rated max. Power(Wp)	70W	75W	80W
Power tolerance	0+5W		
Cell efficiency	16.2%	17.2%	18.3%
Open circuit voltage	21.5V	22.3V	22.6V
Max. power voltage (Vmp)	17.6V	18.2V	18.5V
Short circuit current (Isc)	4.22A	4.37A	4.58A
Max. power current(Imp)	3.98A	4.12A	4.32A
Temperature coefficient of Isc	+0.06%		
Temperature coefficient of Voc	-0.33%		
Temperature coefficient of Pmp	-0.45%		
Rated max. Power(Wp)	Irradiance: 1000W/M2,、 Cell temperature 25°C 、 Spectrum AM: AM1.5		

The Electrical Parameters of the module are the average theory figure under the standard test condition, each one exists difference. Can not be treated as the basis of module delivery.