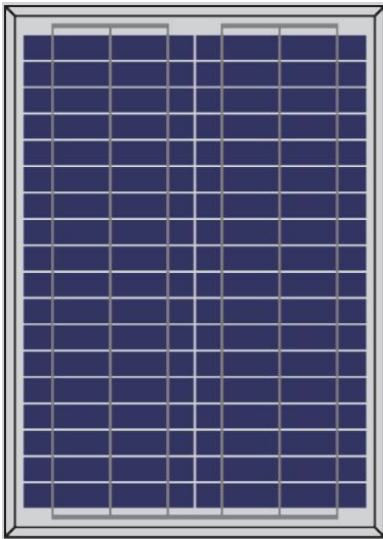




# POLYCRYSTALLINE SILICON MODULE 20W 6P-20



## Warranty

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

## 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 funtion 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 (2400pa).
- High performance of salt and ammonia resistance.
- Positive power tolerance: 0~+5W.

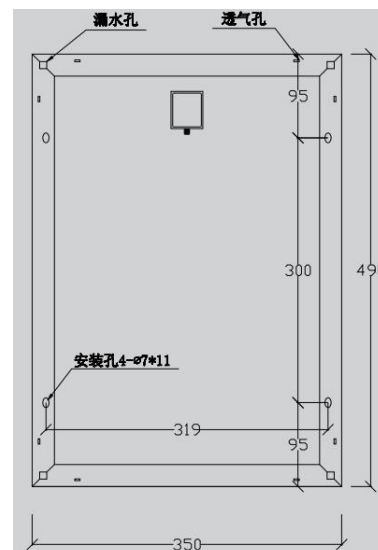
## PRODUCTS CERTIFICATION

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

## Raw materials and mechanical para.



6P-20	
Solar cell dimension (mm)	Poly crystalline 156X22.2mm
Solar cell quantity (pcs)	2X18=36
Module dimension (mm)	490X350X25
Module weight (kg)	1.95
Glass	3.2mm Tempered Glass
Encapsulation	EVA
Backsheet	Multilayer composite
Aluminium-frame	Silver/black Anodized aluminium alloy
Junction box	IP65
Cable	NA, but customized is acceptable
Connector	NA, but MC4 or MC4 compatible are acceptable
Package configuration	10pcs/ctn



Engineering Drawing (Back Side)

## Performance parameters

### 6P-20

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

## Electrical parameters (Standard test condition)

### 6P-20

Rated max. Power(Wp)	20W
Power tolerance	0~+5W
Cell efficiency	16.4%
Open circuit voltage	22.4V
Max. power voltage (Vmp)	17.4V
Short circuit current (Isc)	1.23A
Temperature coefficient of Isc	1.15A
Temperature coefficient of Voc	+0.06%
Temperature coefficient of Pmp	-0.33%
Rated max. Power(Wp)	-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.