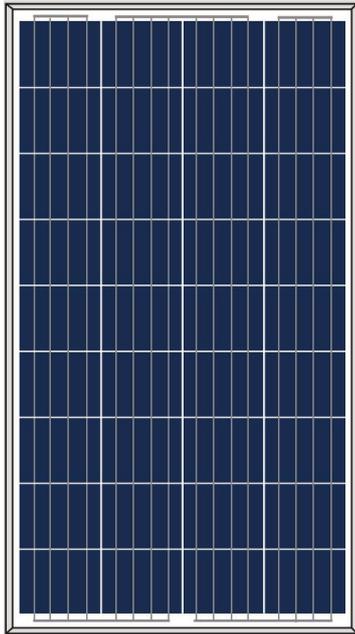




POLYCRYSTALLINE SILICON MODULE 140W

6P-135 6P-140 6P-145



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.
- EL 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 (5400pa).
- High performance of salt and ammonia resistance.
- Positive power tolerance: 0~+5%.

Warranty

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

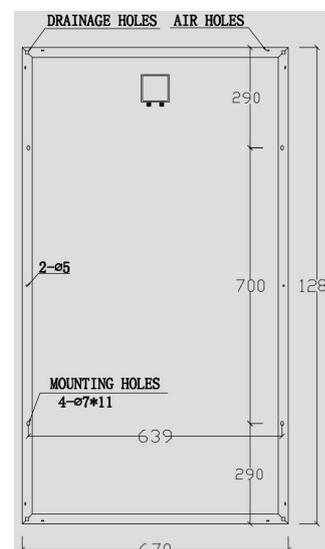
PRODUCTS CERTIFICATION

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

Raw materials and mechanical para.



	6P-135 6P-140 6P-145
Solar cell dimension (mm)	Poly crystalline 156X133.7
Solar cell quantity (pcs)	4X9=36
Module dimension (mm)	1280X670X30
Module weight (kg)	9.0
Glass	3.2mm Tempered 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 and MC4 compatible are acceptable
Package configuration	4pcs/ctn



Engineering Drawing (Back Side)

Performance parameters

	6P-135 6P-140 6P-145
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-135	6P-140	6P-145
Rated max. Power(Wp)	135W	140W	145W
Power tolerance	0-+5%		
Cell efficiency	18.0%	18.6%	19.1%
Open circuit voltage	22.6V	22.6V	22.6V
Max. power voltage (Vmp)	17.6V	17.8V	17.8V
Short circuit current (Isc)	8.13A	8.34A	8.63A
Max. power current(Imp)	7.67A	7.87A	8.15A
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.