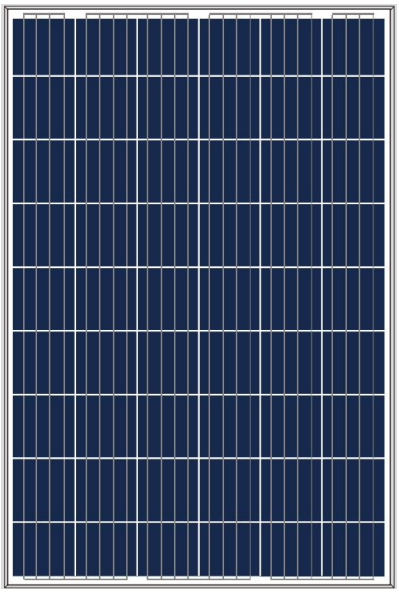
POLYCRYSTALLINE SILICON MODULE 250WP

----6P-250



Products Characteristics

- Widely usiing of the most popular and mature type of modules for on-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 (5400pa).
- High performance of salt and ammonia resistance.
- Positive power tolerance: 0~+5%.

Warranty

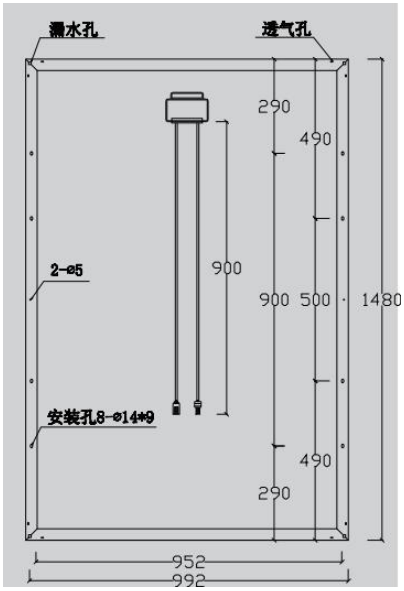
- **10years products warranty.**
- **10 years 90%、25 years 80% output power warranty。**

PRODUCTS CERTIFICATION

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

Raw materials and mechanical para.

	6P-250
Solar cell dimension（mm）	Poly crystalline 156.75X156.75
Solar cell quantity（pcs）	6X9=54
Module dimension（mm）	1480X992X35/40
Module weight（kg）	16.2/16.5
Glass	3.2mmTempered Glass
Encapsulation	EVA
Backsheet	Multilayer composite
Aluminium-frame	Silver/black Anodized aluminium alloy
Junction box	IP65/IP67
Cable	4mm^2,900mm
Connector	MC4 andMC4 Compatible
Package configuration	30/26pcs/pallet



Enginnering Drawing (Back Side)

Performance parameters

	6P-250
Maximum system voltage	1000V
Operating temperature	‘-45℃-+80℃
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-250
Rated max. Power(Wp)	250W
Power tolerance	0-+5%
Cell efficiency	18.9%
Open circuit voltage	34.5V
Max. power voltage (Vmp)	27.8V
Short circuit current (Isc)	9.52A
Max. power current(Imp)	8.99A
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℃、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.