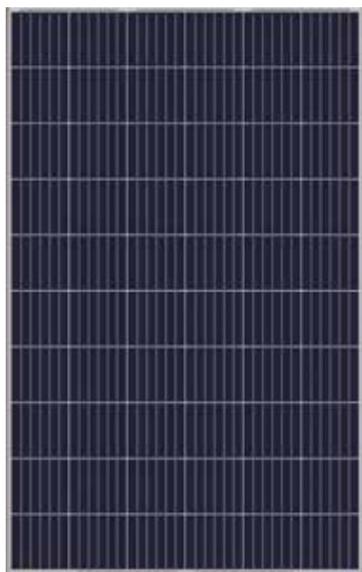




# POLYCRYSTALLINE SILICON MODULE 270WP

6P-260 265 270 275 280



## Products Characteristics

- Widely using 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.

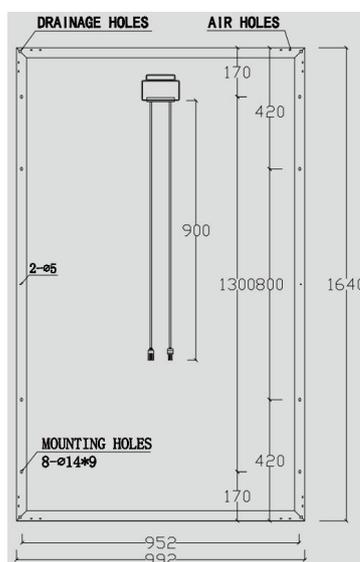
## PRODUCTS CERTIFICATION

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

## Raw materials and mechanical para.



	6P-260	6P-265	6P-270	6P-275	6P-280
Solar cell dimension (mm)	Poly crystalline 156.75X156.75				
Solar cell quantity (pcs)	6X10=60				
Module dimension (mm)	1640X992X35/40				
Module weight (kg)	17.9/18.2				
Glass	3.2mm Tempered Glass				
Encapsulation	EVA				
Backsheet	Multilayer composite				
Aluminium-frame	Silver/black Anodized aluminium alloy				
Junction box	IP65/IP67				
Cable	4mm <sup>2</sup> ,900mm				
Connector	MC4 andMC4 Compatible				
Package configuration	30/26pcs/pallet				



← **Engineering Drawing (Back Side)**

## Performance parameters

	P-260	6P-265	6P-270	6P-275	6P-280
Maximum system voltage	1000V				
Operating temperature	-45°C-+80°C				
Maximum series fuse	20A				
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-260	6P-265	6P-270	6P-275	6P-280
Rated max. Power(Wp)	260W	265W	270W	275W	280W
Power tolerance	0-+5%				
Cell efficiency	17.7%	18.0%	18.40%	18.7%	19.0%
Open circuit voltage	37.9V	38.1V	38.3V	38.6V	38.8V
Max. power voltage (Vmp)	30.7V	30.9V	31.1V	31.3V	31.57V
Short circuit current (Isc)	8.98A	9.09A	9.20A	9.31A	9.42A
Max. power current(Imp)	8.47A	8.58A	8.68A	8.79A	8.89A
Temperature coefficient of Isc	0.06%				
Temperature coefficient of Voc	-0.33%				
Temperature coefficient of Pmp	-0.45%				
Standard test condition	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.					