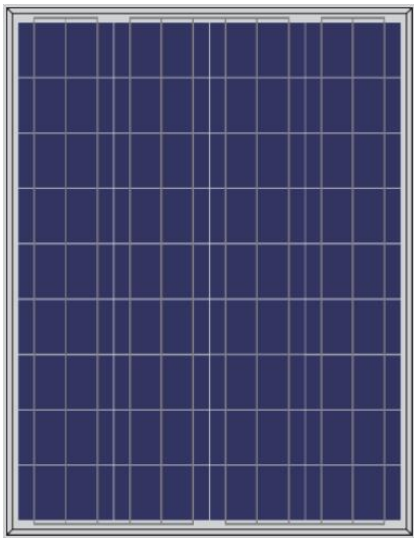
POLYCRYSTALLINE SILICON MODULE 85W

6P-85 6P-90 6P-95



Products Characteristics

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

Warranty

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

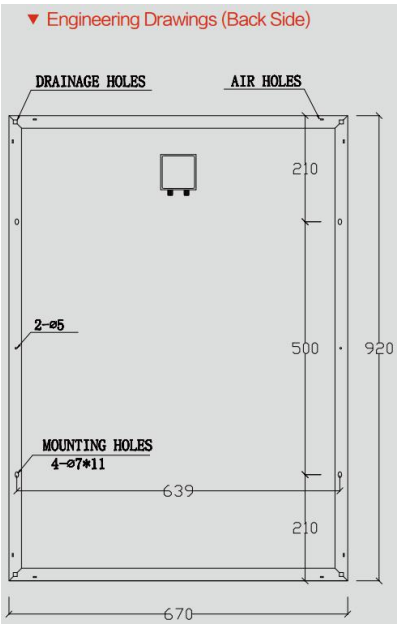
PRODUCTS CERTIFICATION

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

Raw materials and mechanical para.

	6P-85 6P-90 6P-95
Solar cell dimension（mm）	Poly crystalline156X93.6mm
Solar cell quantity（pcs）	4X9=36
Module dimension（mm）	920X670X30
Module weight（kg）	6.9
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	4pcs/ctn

▼ Engineering Drawings (Back Side)



Performance parameters

	6P-85 6P-90 6P-95
Maximum system voltage	700V
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-85 6P-90 6P-95
Rated max. Power(Wp)	85W	90W	95W
Power tolerance		0-+5W	
Cell efficiency	16.30%	17.20%	18.20%
Open circuit voltage	21.5V	22.3V	22.6V
Max. power voltage (Vmp)	17.6V	18.2V	18.5V
Short circuit current (Isc)	5.12A	5.24A	5.44A
Max. power current(Imp)	4.83A	4.95A	5.14A
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.			