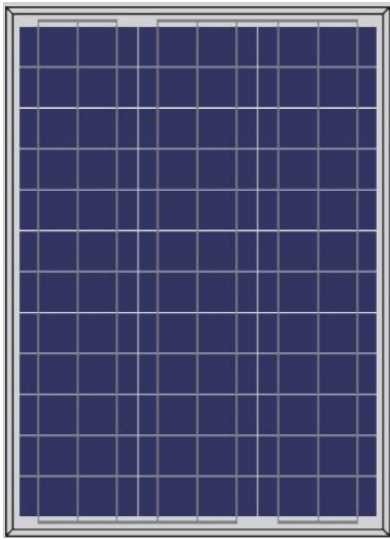




POLYCRYSTALLINE SILICON MODULE 40W 6P-40



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 function 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.

Warranty

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

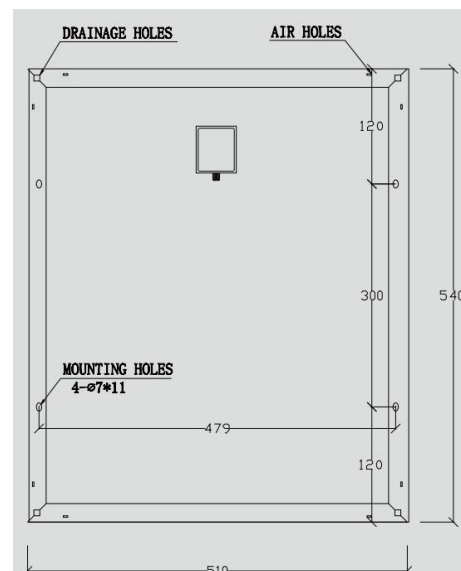
PRODUCTS CERTIFICATION

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

Raw materials and mechanical para.



6P-40	
Solar cell dimension (mm)	Poly crystalline 156X39mm
Solar cell quantity (pcs)	3X12=36
Module dimension (mm)	540X510X25
Module weight (kg)	3.3
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	6pcs/ctn



Performance parameters

6P-40

Maximum system voltage	700V
Operating temperature	-45°C~+80°C
Maximum series fuse	10A
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-40

Rated max. Power(Wp)	40W
Power tolerance	0~+5W
Cell efficiency	18.1%
Open circuit voltage	22.8V
Max. power voltage (Vmp)	18.2V
Short circuit current (Isc)	2.35A
Temperature coefficient of Isc	2.20A
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.