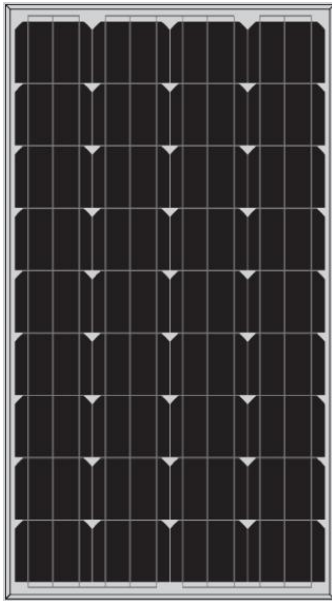




# MONOCRYSTALLINE SILICON MODULE 125WP SERIES

6M-120 6M-125 6M-130



## 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 salt and ammonia resistance.
- Positive power tolerance: 0~+5%.

## Warranty

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

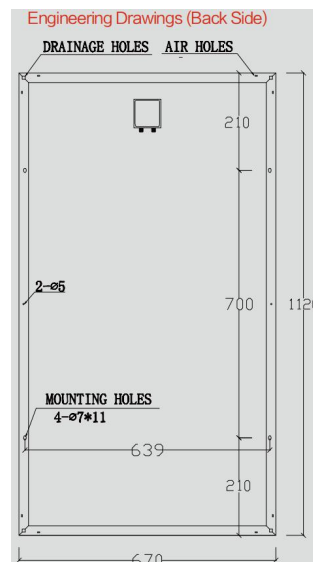
## PRODUCTS CERTIFICATION

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

## Raw materials and mechanical para.



	6M-120 6M-125 6M-130
Solar cell dimension (mm)	Mono crystalline156X117 mm
Solar cell quantity (pcs)	4X9=36
Module dimension (mm)	1120X670X30
Module weight (kg)	8.4
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 Drawing (Back Side)

## Performance parameters

	6M-120 6M-125 6M-130
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
Applicaition grade	Class A

## Electrical parameters (Standard test condition)

	6M-120	6M-125	6M-130
Rated max. Power(Wp)	120W	125W	130W
Power tolerance		0~+5%	
Cell efficiency	18.6%	19.3%	20.0%
Open circuit voltage	22.7V	23.0V	23.1V
Max. power voltage (Vmp)	18.6V	18.8V	18.9V
Short circuit current (Isc)	6.84A	7.05A	7.29A
Max. power current(Imp)	6.415A	6.65A	6.88A
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℃、 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.