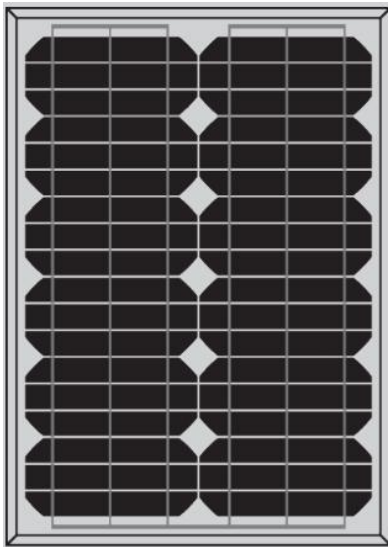




# MONOCRYSTALLINE SILICON MODULE 20WP SERIES

## M6-20 M6-25



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

### Warranty

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

### PRODUCTS CERTIFICATION

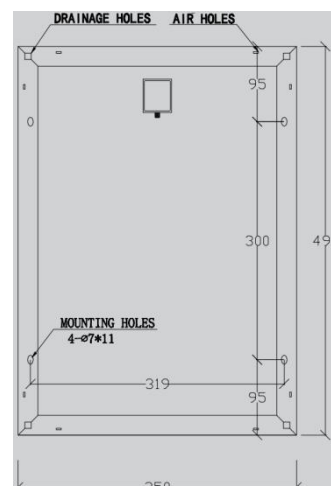
- ISO9001:2008: ISO Quality management systems
- IEC61215、IEC61730
- CQC Certificate
- CE Certificate
- SGS-TUVCertificate

### Raw materials and mechanical para.



#### 6M-20 6M-25

Solar cell dimension (mm)	Mono crystalline156X22.3mm
Solar cell quantity (pcs)	2X18=36
Module dimension (mm)	490X350X25
Module weight (kg)	1.95
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	10pcs/ctn



Engineering Drawing (Back Side)

## Performance parameters

### 6M-20 6M-25

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)

	6M-20	6M-25
Rated max. Power(Wp)	20W	25W
Power tolerance		0~+5%
Cell efficiency	16.4%	20.5%
Open circuit voltage	22.2V	22.2V
Max. power voltage (Vmp)	17.2V	17.4V
Short circuit current (Isc)	1.24A	1.52A
Max. power current(Imp)	1.17A	1.44A
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.