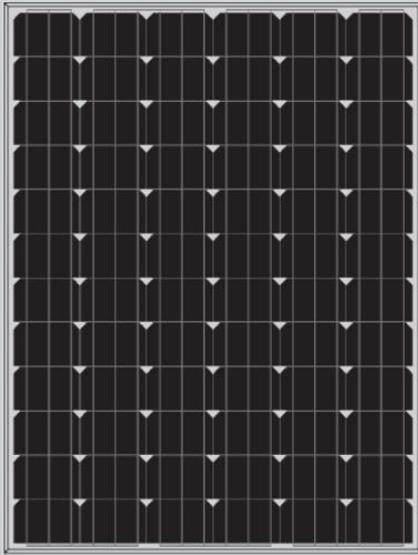




MONOCRYSTALLINE SILICON MODULE 230WP SERIES

6M-220 6M-230 6M-240



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 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.

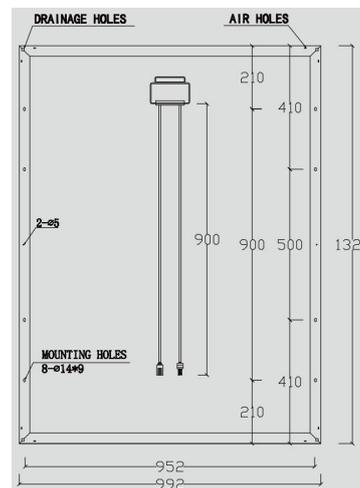
PRODUCTS CERTIFICATION

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

Raw materials and mechanical para.



	6M-220	6M-230	6M-240
Solar cell dimension (mm)	Mono crystalline156X104mm		
Solar cell quantity (pcs)	6X12=72		
Module dimension (mm)	1320X992X35/40		
Module weight (kg)	14.9/15.2		
Glass	3.2mm Tempered Glass		
Encapsulation	EVA		
Backsheet	Multilayer composite		
Aluminium-frame	Silver/black Anodized aluminium alloy		
Junction box	IP65/IP67		
Cable	4mm ² ,900mm		
Connector	MC4 andMC4 Compatible		
Package configuration	36/26pcs/pallet		



← Engineering Drawing (Back Side)

Performance parameters

	6M-220	6M-230	6M-240
Maximum system voltage	1000V		
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)

	6M-220	6M-230	6M-240
Rated max. Power(Wp)	220W	230W	240W
Power tolerance	0~+5%		
Cell efficiency	19.2%	19.9%	20.7%
Open circuit voltage	47.0V	47.2V	47.5V
Max. power voltage (Vmp)	38.4V	38.6V	38.8V
Max. power current(Isc)	6.078A	6.32A	6.56A
Max. power current(Imp)	5.73A	5.96A	6.19A
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.