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Solar Panel Guide Specification Data Sheet

Rocsolar New Energy Co., Ltd.

6M-190-210

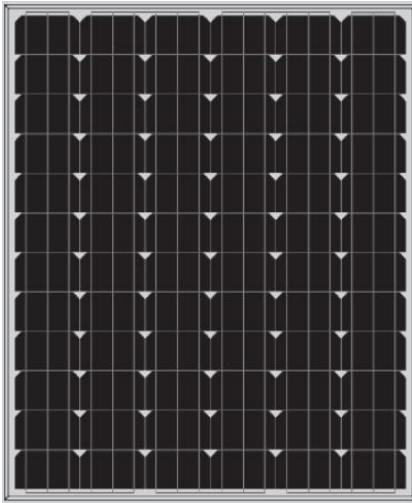
6M-200

Also available on the web at
EnergyPal.com/rocsolar-new-energy-co-ltd-solar-panels/6m-200



MONOCRYSTALLINE SILICON MODULE 200WP

6M-190 6M-200 6M210



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.

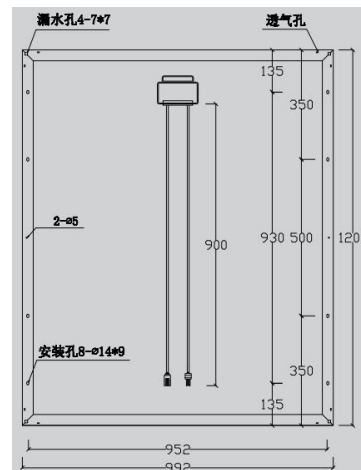
PRODUCTS CERTIFICATION

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

Raw materials and mechanical para.



	6M-190 6M-200 6M-210
Solar cell dimension (mm)	Mono crystalline156X93.6 mm
Solar cell quantity (pcs)	6X12=72
Module dimension (mm)	1200X992X35/40
Module weight (kg)	13.6/13.8
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	30/26pcs/pallet



← Engineering Drawing (Back Side)

Performance parameters

	6M-190	6M-200	6M-210
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-190	6M-200	6M-210
Rated max. Power(Wp)	190W	200W	210W
Power tolerance	0~+5%		
Cell efficiency	18.6%	19.4%	20.4%
Open circuit voltage	47.0V	47.2V	47.5V
Short circuit current (Isc)	38.4V	38.6V	38.8V
Max. power current(Imp)	5.24A	5.49A	5.74A
Maximum Power Current (Imp)	4.95A	5.18A	5.41A
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.