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Solar Panel Guide Specification Data Sheet

Rocsolar New Energy Co., Ltd.

6P-310-335

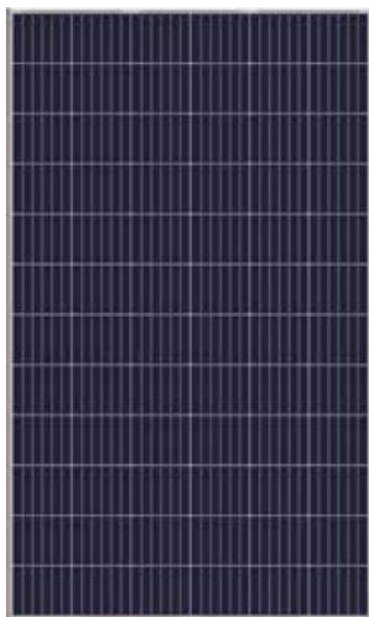
6P-325

Also available on the web at
EnergyPal.com/rocsolar-new-energy-co-ltd-solar-panels/6p-325



POLYCRYSTALLINE SILICON MODULE 320WP

6P-310 6P-315 6P-320 6P-325 6P-330 6P-335



Products Characteristics

- Widely using of the most popular and mature type of modules for on-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 reflective 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

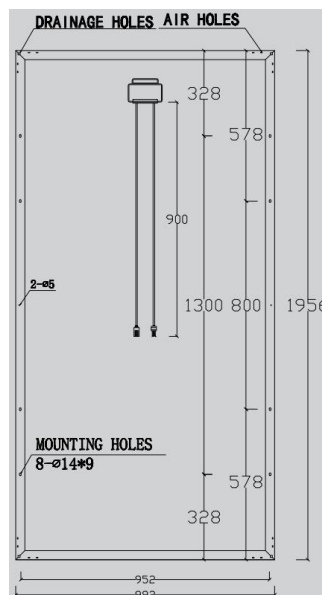
- 10years products warranty.
- 10 years 90%、25 years 80% output power warranty.

PRODUCTS CERTIFICATION

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

Raw materials and mechanical para.

	6P-310	6P-315	6P-320	6P-325	6P-330	6P-335
Solar cell dimension (mm)	Poly crystalline 156X156mm					
Solar cell quantity (pcs)	6X12=72					
Module dimension (mm)	1956X992X40					
Module weight (kg)	22.8					
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	26pcs/pallet					



← Engineering Drawing (Back Side)

Performance parameters

	6P-310	6P-315	6P-320	6P-325	6P-330	6P-335
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
应用等级						Class A

Electrical parameters (Standard test condition)

	6P-310	6P-315	6P-320	6P-325	6P-330	6P-335
Rated max. Power(Wp)	310W	315W	320W	325W	330W	335W
Power tolerance						0~+5%
Cell efficiency	17.6%	17.9%	18.1%	18.4%	18.7%	19.0%
Open circuit voltage	46.0V	46.2V	46.5V	46.7V	47.0V	47.2V
Max. power voltage (Vmp)	36.7V	36.9V	37.1V	37.3V	37.5V	37.7V
Short circuit current (Isc)	8.95A	9.05A	9.21A	9.33A	9.38A	9.43A
Max. power current(Imp)	8.45A	8.54A	8.72A	8.84A	8.890A	8.95A
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.