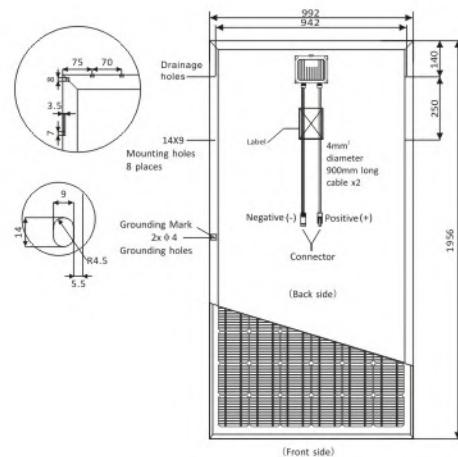
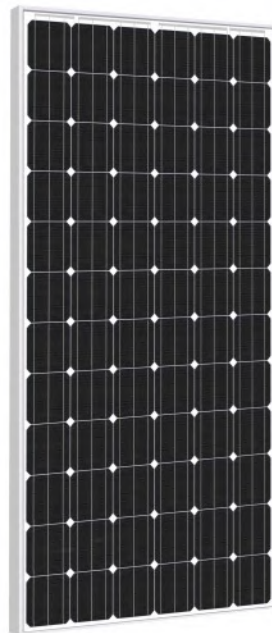




MONO CRYSTALLINE MODULE 72x6"/270-310W



Qualified, IEC61215
Qualified, IEC61730



Electrical Characteristics

Model	Pm(Wp)	Tolerance	Vm(V)	Im(A)	Voc(V)	Isc(A)	η
SYP270M	270W	0~+3%	35.00	7.71	44.50	8.20	>13.93%
SYP280M	280W	0~+3%	35.20	7.95	44.80	8.33	>14.45%
SYP290M	290W	0~+3%	35.40	8.19	44.80	8.59	>14.97%
SYP295M	295W	0~+3%	35.60	8.28	44.80	8.64	>15.24%
SYP300M	300W	0~+3%	35.80	8.37	44.80	8.73	>15.46%
SYP305M	305W	0~+3%	35.90	8.50	44.80	8.84	>15.71%
SYP310M	310W	0~+3%	36.00	8.61	44.90	8.91	>15.99%

Valued at STC (AM 1.5, 1000W/m², 25°C)

Temperature Coefficients

Temperature Coefficient of VOC(β)	-0.31%/°C
Temperature Coefficient of ISC(α)	+0.03%/°C
Temperature Coefficient of Pmax	-0.40%/°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

Permissible Operating Conditions

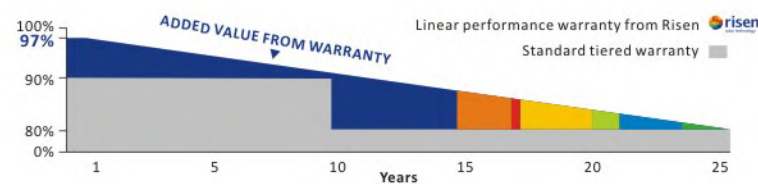
Maximum system voltage	1000VDC
Operating temperature	-40~+85°C
Snow load	Max 5400 Pa
Wind load	Max 120km/h

Mechanical Characteristics

Number of mono crystalline solar cell	72pcsx6"
Aluminum frame, dimension	1956x992x40mm
Glass thickness	4.0mm
Weight	22.5kg
Junction box	IP65
Module	IP65
Tolerance of Rating	0~+3%
Number of bypass diodes	3

Warranty

- 10 years with 100% product warranty
- 12 years 90% rated power output
- 25 years 82% rated power output



270-310 Watt MONO-CRYSTALLINE SOLAR PANEL

Excellent Quality

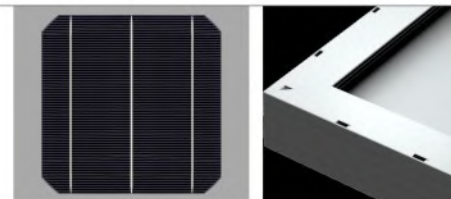
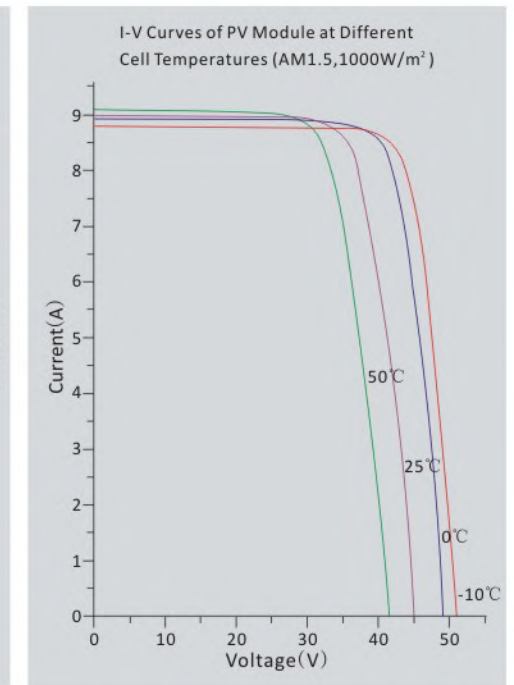
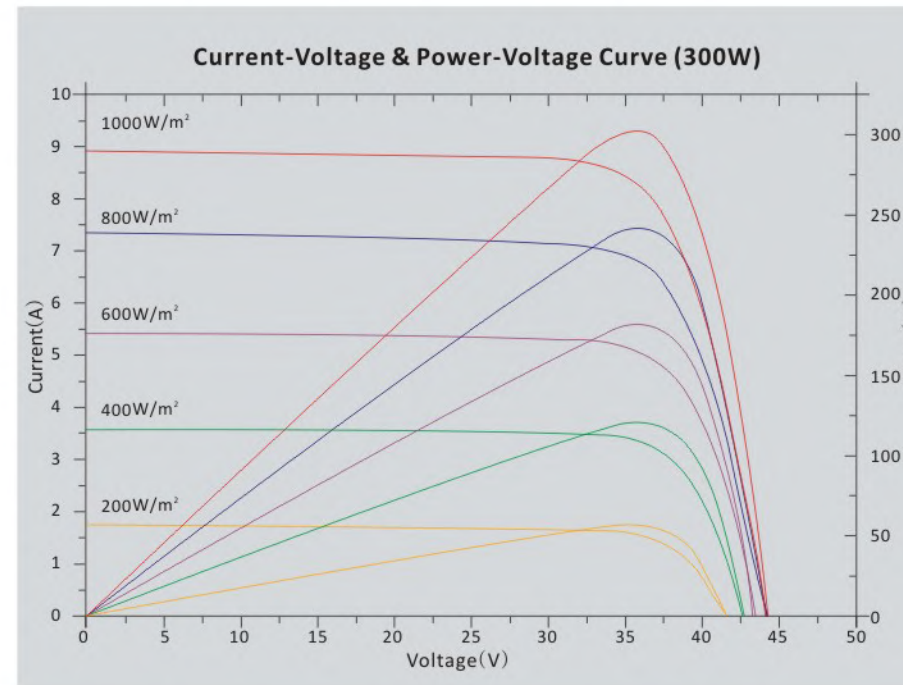
- >Automatic production and testing processes;
- >More than 18 IEC tests program in State-Level PV Laboratory of Risen;
- >Third party liability and quality insurance;
- >ISO9001, ISO14001 and OHSAS18001 management system.

Easy for installation

- >Low weight, convenient format;
- >Horizontal and Vertical installation applicable;
- >Compatible with all standard rooftop and ground mounting systems.

Maximum Yield

- >Only Positive tolerance assorted;
- >Photon test with TOP performance;
- >Averagely, installed projects actual power yield is 5% higher than theoretical yield.



1. Tempered Glass
2. EVA (Ethylene Vinyl Acetate)
3. Solar Cells
4. EVA (Ethylene Vinyl Acetate)
5. Backsheet