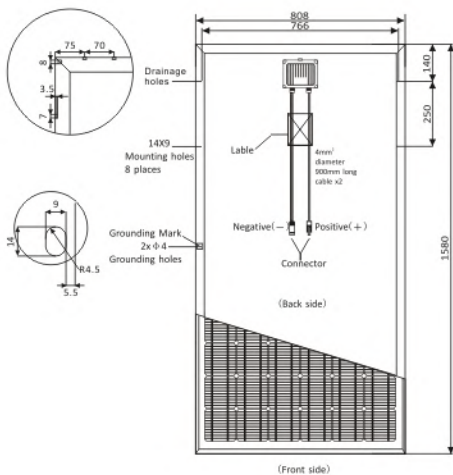


## MONO CRYSTALLINE MODULE/(BLACK) 72x5"/170-195W



Qualified, IEC61215  
Qualified, IEC61730



### Electrical Characteristics

| Model     | Pm(Wp) | Tolerance | Vm(V) | Im(A) | Voc(V) | Isc(A) |
|-----------|--------|-----------|-------|-------|--------|--------|
| RS-170S-M | 170W   | 0~+3%     | 35.90 | 4.74  | 44.50  | 5.12   |
| RS-175S-M | 175W   | 0~+3%     | 36.00 | 4.86  | 44.80  | 5.17   |
| RS-180S-M | 180W   | 0~+3%     | 36.70 | 4.91  | 45.00  | 5.32   |
| RS-185S-M | 185W   | 0~+3%     | 36.20 | 5.11  | 45.00  | 5.40   |
| RS-190S-M | 190W   | 0~+3%     | 36.60 | 5.19  | 45.10  | 5.57   |
| RS-195S-M | 195W   | 0~+3%     | 36.80 | 5.30  | 45.30  | 5.60   |

Valued at STC (AM 1.5, 1000W/m<sup>2</sup>, 25°C)

### Temperature Coefficients

|   |            |
|---|------------|
| Temperature Coefficient of VOC(β)         | -0.325%/°C |
| Temperature Coefficient of ISC(α)         | +0.038%/°C |
| Temperature Coefficient of Pmax           | -0.423%/°C |
| Nominal Operating Cell Temperature (NOCT) | 45±2°C     |

### Permissible Operating Conditions

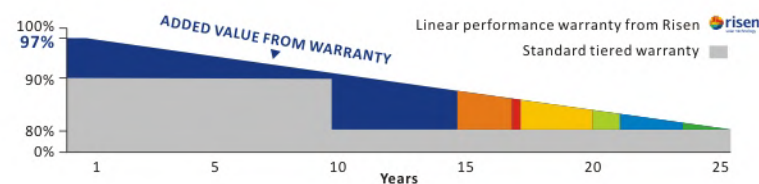
|                        |             |
|------------------------|-------------|
| Maximum system voltage | 1000VDC     |
| Operating temperature  | -40~+85°C   |
| Snow load              | Max 5400 Pa |
| Wind load              | Max 120km/h |

### Mechanical Characteristics

|                                       |                     |
|---------------------------------------|---------------------|
| Number of mono crystalline solar cell | 72pcsx5"            |
| Aluminum frame, dimension             | 1580x808x50/46/35mm |
| Glass thickness                       | 3.2mm               |
| Weight                                | 16.5kg/15.8kg/15kg  |
| 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



## 170-195 Watt MONO-CRYSTALLINE SOLAR PANEL

### Excellent Quality

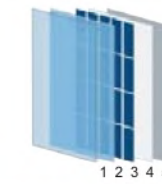
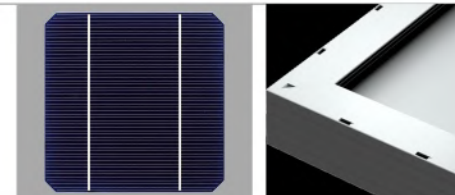
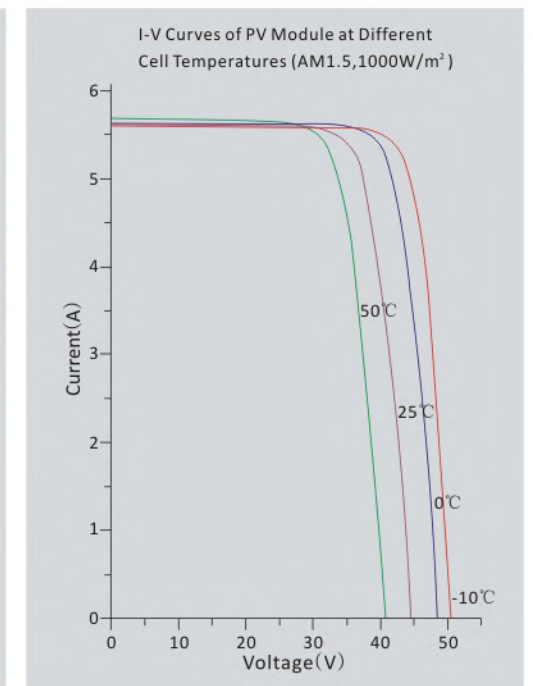
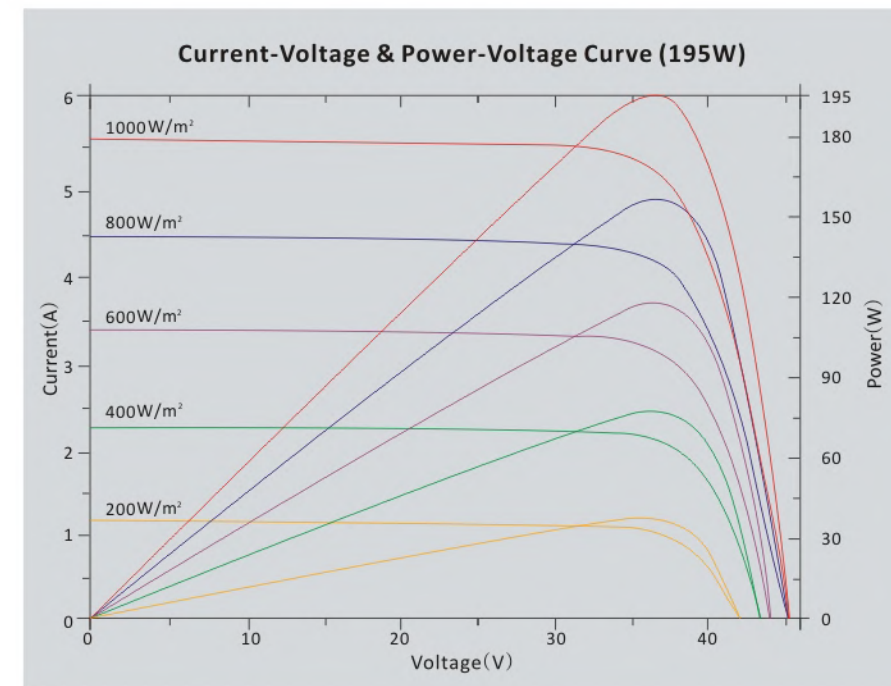
- >Automatic production and testing processes;
- >More than 18 IEC tests program in State-Level PV Laboratory of Risen;
- >Third party liability and quality insurance;
- >ISO9001,ISO14001 and OHSAS18001 management system.

### 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