

## Strengths

-  Tolerance 0~+3%
-  High Transmission, low Iron Tempered Glass
-  Plug & Play Connectors
-  Bypass Diodes Protection
-  Salt Mist Test And Ammonia Resistance Test

## Warranty

-  Manufacturing 12 Years
-  Power Production  
95%: 5 years 90%: 12years  
85%: 18years 80%: 25years

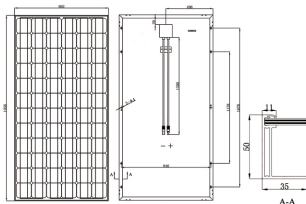
## Insurance

-  Insured By CHUBB

## Certificates

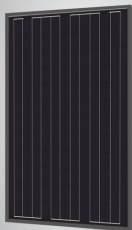


## PHYSICAL CHARACTERISTICS unit:mm



## SR MODULE

-  SR-M672310-B
-  SR-M672300-B
-  SR-M672290-B
-  SR-M672305-B
-  SR-M672295-B



|                  |      |                |
|------------------|------|----------------|
| Dimensions       | (mm) | 1958×992×50    |
| Weight           | (kg) | 23.2           |
| Loading Capacity |      | 190 pcs/20' GP |
|                  |      | 440 pcs/40' HC |

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# Specifications

| Module Type                                       |        | SR-M672310-B                      | SR-M672305-B | SR-M672300-B | SR-M672295-B | SR-M672290-B |
|---------------------------------------------------|--------|-----------------------------------|--------------|--------------|--------------|--------------|
| Maximum Power                                     | Pm(W)  | 310W                              | 305W         | 300W         | 295W         | 290W         |
| Tolerance                                         | (%)    | 0~+3                              | 0~+3         | 0~+3         | 0~+3         | 0~+3         |
| Open Circuit Voltage                              | Voc(V) | 45.06                             | 44.55        | 44.28        | 44.04        | 43.85        |
| Short Circuit Current                             | Isc(A) | 9.17                              | 9.12         | 9.00         | 8.91         | 8.79         |
| Maximum Power Voltage                             | Vm(V)  | 36.41                             | 36.15        | 36.00        | 35.80        | 35.65        |
| Maximum Power Current                             | Im(A)  | 8.52                              | 8.44         | 8.34         | 8.25         | 8.14         |
| Module Efficiency                                 | (%)    | 16.00                             | 15.70        | 15.40        | 15.20        | 14.90        |
| Solar Cell Efficiency                             | (%)    | 18.56                             | 18.26        | 17.98        | 17.57        | 17.35        |
| Cell Type                                         | (mm)   | 156×156(Mono-Crystalline Silicon) |              |              |              |              |
| Number of Cells                                   | (Pcs)  | 72(6×12)                          |              |              |              |              |
| Maximum System Voltage                            | (V)    | DC1000                            |              |              |              |              |
| Temp. Coeff.of Voc                                | (%/°C) | -0.35                             |              |              |              |              |
| Temp. Coeff.of Isc                                | (%/°C) | 0.05                              |              |              |              |              |
| Temp. Coeff.of Pm                                 | (%/°C) | -0.45                             |              |              |              |              |
| Operating Temperature                             | (°C)   | -40 to 85                         |              |              |              |              |
| Nominal Operating Cell Temperature(NOCT)          | (°C)   | 45±2                              |              |              |              |              |
| Max.Series Fuse                                   | (A)    | 14                                |              |              |              |              |
| Wind Bearing                                      | (Pa)   | 2400                              |              |              |              |              |
| Pressure Bearing                                  | (Pa)   | 5400                              |              |              |              |              |
| STC(Standard Test Conditions):1000W/m² AM=1.5 25℃ |        |                                   |              |              |              |              |

## Electrical Characteristics

|              |      | 1000<br>W/m² | 800<br>W/m² | 600<br>W/m² | 400<br>W/m² | 200<br>W/m² | 100<br>W/m² |
|--------------|------|--------------|-------------|-------------|-------------|-------------|-------------|
| SR-M672310-B | Vmpp | 36.41        | 36.30       | 36.01       | 35.15       | 34.11       | 33.39       |
|              | Impp | 8.52         | 6.82        | 5.12        | 3.42        | 1.75        | 0.91        |
| SR-M672305-B | Vmpp | 36.15        | 36.04       | 35.76       | 34.90       | 33.86       | 33.14       |
|              | Impp | 8.44         | 6.75        | 5.06        | 3.36        | 1.68        | 0.84        |
| SR-M672300-B | Vmpp | 36.00        | 35.89       | 35.60       | 34.74       | 33.70       | 32.98       |
|              | Impp | 8.34         | 6.66        | 4.98        | 3.29        | 1.61        | 0.77        |
| SR-M672295-B | Vmpp | 35.80        | 35.69       | 35.41       | 34.55       | 33.51       | 32.79       |
|              | Impp | 8.25         | 6.58        | 4.93        | 3.26        | 1.59        | 0.76        |
| SR-M672290-B | Vmpp | 35.65        | 35.54       | 35.26       | 34.40       | 33.37       | 32.66       |
|              | Impp | 8.14         | 6.50        | 4.86        | 3.22        | 1.57        | 0.75        |

