



# 200 Watt SP-200MSB

158.75mm 72Cells PV Module

## Electrical Characteristics

|                                 |               |
|---------------------------------|---------------|
| Module Type                     | SP-200MSB     |
|                                 | STC           |
| Maximum Power- Pmax(W)          | 200           |
| Open Circuit Voltage - Voc(V)   | 21.60         |
| Short- Circuit Current - Isc(A) | 11.78         |
| Voltage at Pmax -Vmp(V)         | 18.00         |
| Current at Pmax - Imp(A)        | 11.12         |
| Module Efficiency - $\eta$ m(%) | 19.42         |
| Power Tolerance(W)              | 0~+4.99W      |
| Maximum System Voltage(V)       | 1000VDC (IEC) |
| Maximum Series Fuse Rating (A)  | 15A           |

STC :Irradiance 1000W/m<sup>2</sup>Cell Temperature 25°CAM 1.5

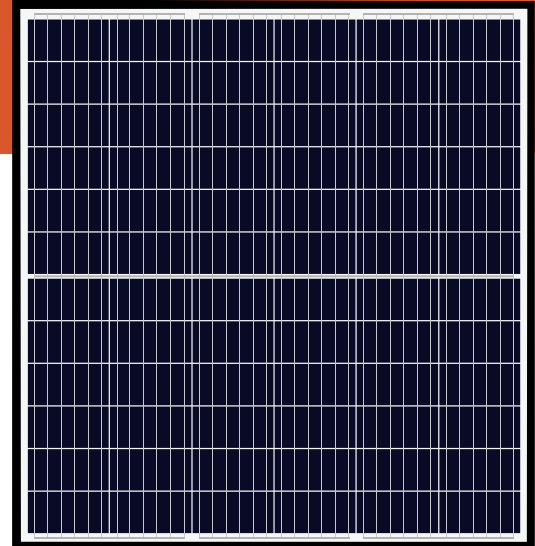
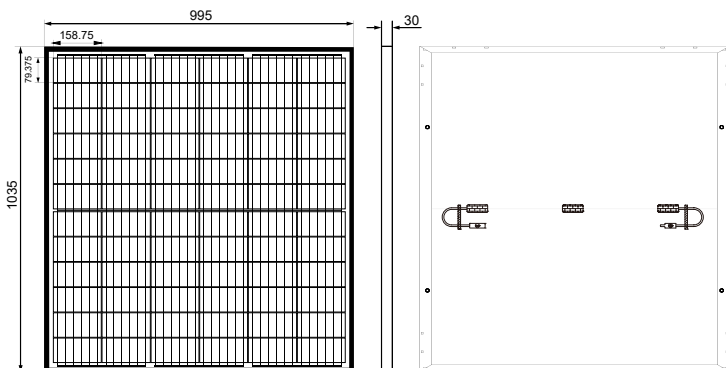
## Mechanical Specifications

|                     |   |
|---------------------|---|
| External Dimensions | 1035*995*30mm                                 |
| Weight              | 10.3kg±0.3kg                                  |
| Solar Cells         | Mono crystalline 158.75X79.375mm (2X36pcs)    |
| Front Glass         | 3.2 mm tempered glass                         |
| Frame               | Aluminum (Black Frame)                        |
| Junction Box        | IP67  |
| Output Cables       | 10cm, length can be customized                |
| Connector           | MC4 Compatible                                |
| Mechanical Load     | Front Side Max. 5400Pa, Rear Side Max. 2400Pa |

## Temperature Characteristics

|  |            |
|--|------------|
| Pmax Temperature Coefficient             | -0.350%/ C |
| Voc Temperature Coefficient              | -0.370%/ C |
| Isc Temperature Coefficient              | +0.045%/ C |
| Operating Temperature                    | -40~+85 C  |
| Nominal Operating Cell Temperature(NOCT) | 48±2 C     |

## Engineering Diagrams (mm)



## Packing Configuration

|                   |                  |
|-------------------|------------------|
| Module Type       | SP-200MSB        |
| Module Dimensions | 1035*995*30mm    |
| Pallet Dimensions | 1075*1100*1165mm |
| Pallet Weight     | 300kg            |
| Pieces/Pallet     | 31pcs            |

## Characteristic Curve

