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### Technical parameter

|                                |        |
|--------------------------------|--------|
| Maximum Power(W)               | 320W   |
| Optimum Power Voltage(Vmp)     | 36.25V |
| Optimum Operating Current(Imp) | 8.97A  |
| Open Circuit Voltage(Voc)      | 43.5V  |
| Short Circuit Current(Isc)     | 9.86A  |

### Mechanical Characteristics

|                           |   |
|---------------------------|---|
| Cell Type Polycrystalline | 156x156mm (6 inch)                                |
| No of Cell                | 72 (6x12pcs)                                      |
| Dimensions                | 1956x992x40mm                                     |
| Weight                    | 22Kg  |
| Front Glass               | 3.2mm,High Transmission, Low Iron, Tempered Glass |
| Junction box              | IP65 Rated  |
| Output Cable              | TUV 1x4.0mm <sup>2</sup> /UL12AWG,Length:900mm    |

### Temperature and Coefficients

|  |                        |
|--|------------------------|
| Operating Temperature(°C):                 | -40°C ~ + 85°C         |
| Maximum System Voltage:                    | 600V(UL)/1000V(IEC) DC |
| Maximum Rated Current Series:              | 15A                    |
| Temperature Coefficients of Pmax:          | -0.47%                 |
| Temperature Coefficients of Voc:           | -0.389%                |
| Temperature Coefficients of Isc:           | 0.057%                 |
| Nominal Operating Cell Temperature (NOCT): | 47+/-2°C               |

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## Materials of solar panel

- 1).Solar Cell-----Poly-crystalline solar cell 156\*156mm
- 2).Front Glass-----3.2mm, high transmission, low iron, tempered glass
- 3).EVA-----excellent anti-aging EVA
- 4).TPT-----TPT hot seal made of flame resistance
- 5).Frame-----anodized aluminum profile
- 6).Junction Box-----IP65 rated, high quality, with diode protection

Superiority: high quality anodized aluminum frame, high efficiency long life, easy installation low wind load

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Light and water-exposure test

Moist carbon dioxide/sulphur dioxide

