

100 W SOLAR PANEL

**Domestic &
INDUSTRIAL
PURPOSES**

100 W Solar Panel

- Model : AWSS100W
- Maximum Power at STC (P_{max}) : 100W
- Optimum Operating Voltage (V_{mp}) : 18.78V
- Optimum Operating Current (I_{mp}) : 5.34A
- Open-Circuit Voltage (V_{oc}) : 22.64V
- Short-Circuit Current (I_{sc}) : 5.71A
- Operating Temperature : (-40 to 85°C)
- Maximum System Voltage : DC 1000
- Maximum Series Fuse Rating : 15A
- Power Tolerance : +/- 3%

STC : Irradiance 1000W/m²

Modules Temperature : 25°C

A_m : 1.5



Mechanical Characteristics

- Solar Cell : Poly-Crystalline 156X104mm
- No.of Cells : 36 (4X9)
- Dimensions : 1000mm X 670mmX30mm
- Weight : 8kgs
- Front Glass : 3.2mm Tempered Glass
- Frame : Anodized Aluminium Alloy
- Junction Box : PV-LH0808
- Nominal Operating Cell Temperature : 47°C +/- 2°C



**25 Performance
YEARS WARRANTY**

INNOVATIVE
German Technology
FIRST TIME IN INDIA

Live Solar Power Generation
FOR INSTANT USE
Standby Storage for Off-Grid Use