

# 250 W SOLAR PANEL

**Domestic &  
INDUSTRIAL  
PURPOSES**

## 250 W Solar Panel

- Model : AWSS250W
- Maximum Power at STC (P<sub>max</sub>) : 250W
- Optimum Operating Voltage (V<sub>mp</sub>) : 36.5V
- Optimum Operating Current (I<sub>mp</sub>) : 6.85A
- Open-Circuit Voltage (V<sub>oc</sub>) : 45.8V
- Short-Circuit Current (I<sub>sc</sub>) : 7.48A
- Operating Temperature : (-40 to 85°C)
- Maximum System Voltage : DC 1000
- Maximum Series Fuse Rating : 15A
- Power Tolerance : +/- 3%

**STC : Irradiance 1000W/m<sup>2</sup>**

**Modules Temperature : 25°C**

**A<sub>m</sub> : 1.5**



## Mechanical Characteristics

- Solar Cell : Poly-Crystalline 156X130mm
- No.of Cells : 72 (6X12)
- Dimensions : 1640mm X 992mmX40mm
- Weight : 18kgs
- Front Glass : 3.2mm Tempered Glass
- Frame : Anodized Aluminium Alloy
- Junction Box : PV-LH0808
- Nominal Operating Cell Temperature : 47°C +/- 2°C

