

Solar ne

Photovoltaic Module 250 W Polycrystalline



Mechanical and Physical Characteristics	
Cells	60 pcs 156mm x 156mm/poly
Weight	19.5 kg
Dimensions	L x W x D 1685 x997x35
Glass	3.2 mm Tempered ARC Glass
Frame	35 mm Anodized Aluminum alloy
Cable size	4 mm ² , 1 m (Area, length)
Junction Box	IP 67 with MC 4 connection

Electrical Characteristics - 250 W	
Maximum Power (Pmax)	250 W
Power output tolerance (W)	+3W, - 0 W
Voltage at Pmax (V mp)	31.62 V
Current at Pmax (I mp)	7.953 A
Open-Circuit voltage (Voc)	37.92 V
Short-Circuit Current (Isc)	8.488 A
Module Efficiency (%)	17.3
Standard Test Conditions	Air Mass AM 1.5 Irradiance 1000W/m ² Cell Temperature 25 °C
Temperature coefficient of Isc (%/C)	+0.06
Temperature coefficient of Voc (%/C)	-0.35
Temperature coefficient of power (%/C)	-0.42
Maximum series fuse rating (A)	15
Maximum system voltage (Vdc)	1000
Operating temperature (°C)	-40/+85
Number of Bypass diodes	3

- *A Grade polycrystalline cells*
- *25-year warranty*
- *CE, TUV, UL Certifications pending*
- *Commercial, industrial, and residential applications*