

SPECIFICATION OF 140W MONOCRYSTALLINE SOLAR PANEL

Maximum power (Wp)	140W
Maximum power voltage (V)	18/36
Maximum power current (A)	7.8/3.9
Open circuit voltage (V)	22/46
Short circuit current (A)	8.81/4.33
Number of cells (Pcs)	108/144
Size of module (mm)	1270×808×35
Maximum system voltage (V)	1000
Temperature coefficients of Isc (%)	+0.1/°C
Temperature coefficients of Voc (%)	-0.38/°C
Temperature coefficients of Pm (%)	-0.47/°C
Temperature coefficients of Im (%)	+0.1/°C
Temperature coefficients of Vm (%)	-0.38/°C
NOCT (°C)	48±2
Temperature Range	-40°C ---80°C
Tolerance Wattage (e.g. +/-5%)	± 5%
Surface Maximum Load Capacity	60m/s (200kg/sq.m)
Weight per piece (kg)	11.6
Junction Box Type	PPO, black
Connectors and Cables Type	4mm ²
Length of Cables (mm)	900
Cell Size(mm)	125*125
Cell Efficiency (%)	16
Output tolerance (%)	± 5%
Frame (Material, Corners, etc.)	Anodized Aluminum Alloy
Standard Test Conditions	AM1.5 100MW/cm ² 25°C
Warranty	2 years for the whole product, for the power, 90% within 12years, 80% within 25 years.
FF (%)	≥73. 3%

Standard test condition: AM1.5, 1000w/m², 25°C.