



Monocrystalline Solar Panel 140Wp

Characteristics	SN-M140
Maximum Power (pmax)	140Wp
Optimum Operating Voltage/Vmp	18.0V
Optimum Operating Current/Imp	7.78A
Open Circuit Voltage /Voc	21.6V
Short Circuit Current /Isc	7.98A
Module Efficiency	14.1%
Weight	11.5Kg
Number of cells	36(4*9)
Cell dimension (mm)	156x156
Dimensions (mm)	1480x670x35
Standard test condition	Irradiance 1000W/m ² , Module temperature 25°C, AM=1.5

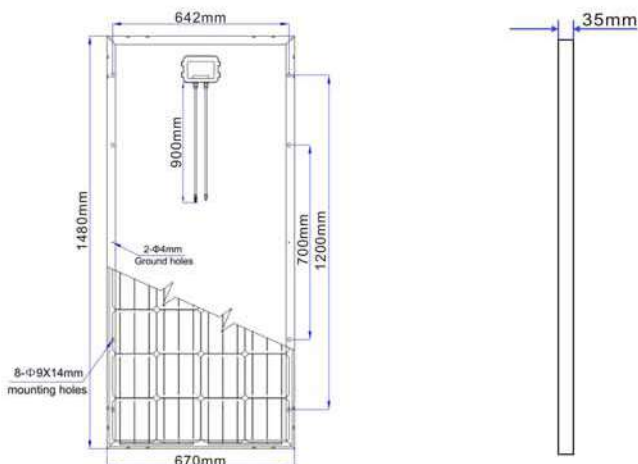
Mechanical Characteristics

Power Tolerance (%)	±3
Maximum Series Fuse Rating	15A
Maximum system voltage	1000 V DC
Operating Temperature	-40°C~+80°C
Frame Material	Clear anodized aluminium frame
Thickness of glass	3.2 mm tempered glass
Frame	Anodized aluminum alloy
Laminating material	EVA
Backsheet material	TPT
Junction Box	Ip65



Temperature Characteristics

Nominal Operating Cell Temperature (NOCT)	45±2°C
Temperature Coefficient of Pmax	-0.45%/°C
Temperature Coefficient of Voc	-0.34%/°C
Temperature Coefficient of Isc	0.050%/°C



I-V Curve

