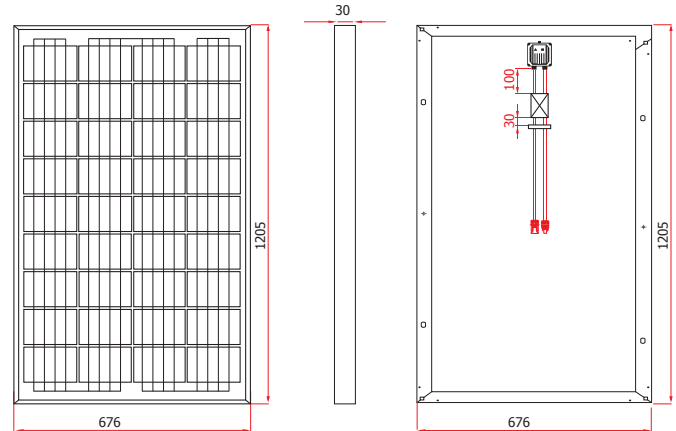


POLYCRYSTALLINE MODULES 120W



SOLAR MODULE:
SDP-120,

PHYSICAL CHARACTERISTICS Unit: mm (inch)



ELECTRICAL SPECIFICATIONS

Model Type	SDP-120
Nominal Maximum Power (Pmax)	120W
Optimum Operating Voltage (Vmp)	17.80V
Optimum Operating Current (Imp)	6.75A
Open Circuit Voltage (Voc)	21.75V
Short Circuit Current (Isc)	7.07A
Module Efficiency	14.21%
Cell Efficiency	17.50%
Power Tolerance	0 to +5W
Maximum System Voltage	DC 1000V
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse Rating	15A
Number of Bypass Diode	2

MECHANICAL DATA

Cell Type	156mm x 125mm
Cell Arrangement	36 cells in series
Dimensions	1205 x 676 x 30 mm
Weight	10.1kg
Front Cover	3.2mm tempered glass
Frame Material	Anodized aluminium alloy
J- Box	IP65, 2 diodes
Cable	2.5mm (IEC) / 12AWG (UL), 900mm (650mm is optional)
Connectors	MC4 or MC4 compatible

TEMPERATURE CHARACTERISTICS

Temperature Coefficient (Pmax)	-0.410% / °C
Temperature Coefficient (Voc)	-0.346% / °C
Temperature Coefficient (Isc)	0.065% / °C
Nominal Operating Cell Temperature	45.3 ± 2 °C

ELECTRICAL CHARACTERISTICS

