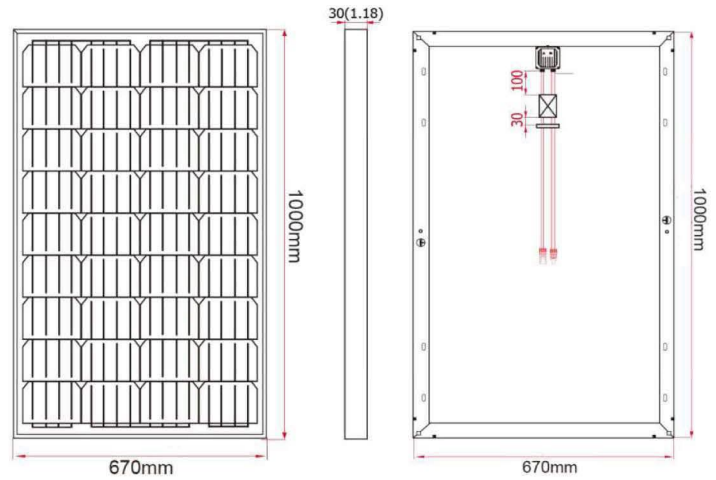


# Mono 120W Solar Panel C36M-120



## PHYSICAL CHARACTERISTICS Unit: mm (inch)



## ELECTRICAL SPECIFICATIONS

Model Type	( C36M-120 )
Nominal Maximum Power (Pmax)	120W
Optimum Operating Voltage (Vmp)	18.1V
Optimum Operating Current (Imp)	6.6A
Open Circuit Voltage (Voc)	23.5V
Short Circuit Current (Isc)	7V
Module Efficiency	17.10%
Cell Efficiency	18.6%
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	156*105mm cells
Cell Arrangement	36 cells in series
Dimensions	670*1000*30mm
Weight	8.3 kg (approx)
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)	-0.420% / °C
Temperature Coefficient (Voc)	-0.336% / °C
Temperature Coefficient (Isc)	0.042% / °C
Normal Operating Cell Temperature	45.3 ± 2 °C

## ELECTRICAL CHARACTERISTICS

