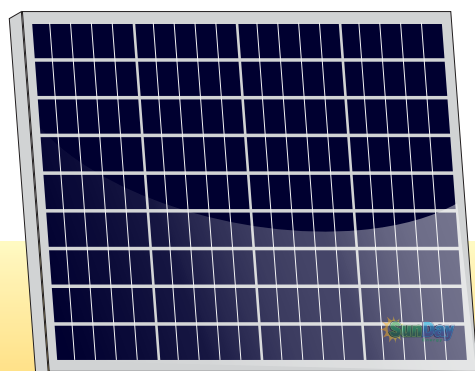


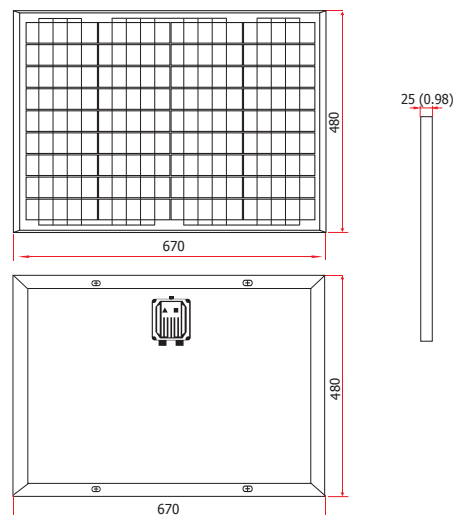
POLYCRYSTALLINE

MODULE 40W



SOLAR MODULE:
SDP-40

PHYSICAL CHARACTERISTICS Unit: mm (inch)



ELECTRICAL SPECIFICATIONS

Model Type	SDP-40
Nominal Maximum Power (Pmax)	40W
Optimum Operating Voltage (Vmp)	17.70V
Optimum Operating Current (Imp)	2.26A
Open Circuit Voltage (Voc)	21.40V
Short Circuit Current (Isc)	2.43A
Module Efficiency	12.43%
Cell Efficiency	17.50%
Power Tolerance	0 to +3%
Maximum System Voltage	DC 1000V
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse Rating	10A

MECHANICAL DATA

Cell Type	156mm x 45.5mm
Cell Arrangement	36 cells in series
Dimensions	670 x 480 x 25 mm
Weight	3.20kg
Front Cover	3.2mm tempered glass
Frame Material	Anodized aluminium alloy
J- Box	IP65, 1 diode

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

