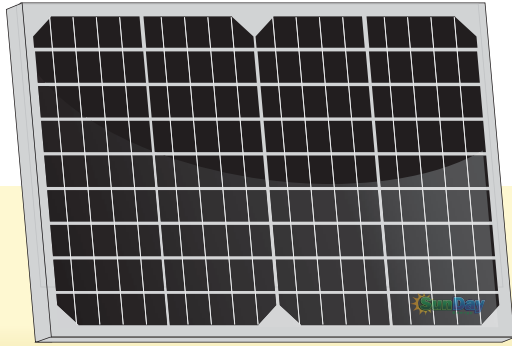
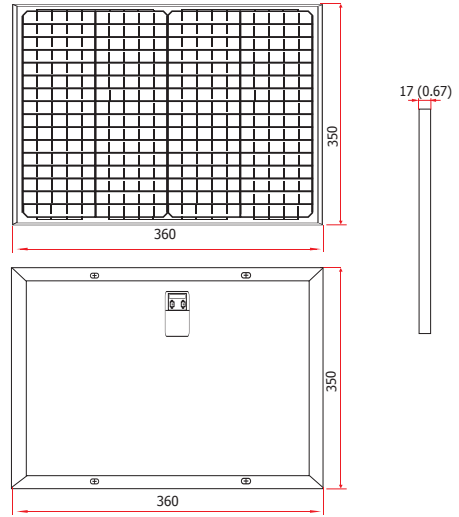


MONOCRYSTALLINE MODULE 15W



SOLAR MODULE:
SDM-15

PHYSICAL CHARACTERISTICS Unit: mm (inch)



ELECTRICAL SPECIFICATIONS

Model Type	SDM-15
Nominal Maximum Power (Pmax)	15W
Optimum Operating Voltage (Vmp)	17.82V
Optimum Operating Current (Imp)	0.85A
Open Circuit Voltage (Voc)	21.86V
Short Circuit Current (Isc)	0.90A
Module Efficiency	11.9%
Cell Efficiency	17.70%
Power Tolerance	0 to +3%
Maximum System Voltage	DC 1000V
Operating Temperature	-40°C ~ +85°C

MECHANICAL DATA

Cell Type	77mm x 31.2mm
Cell Arrangement	36 cells in series
Dimensions	360 x 350 x 17 mm
Weight	1.30kg
Front Cover	3.2mm tempered glass
Frame Material	Anodized aluminium alloy
J- Box	IP65

TEMPERATURE CHARACTERISTICS

Temperature Coefficient (Pmax)	-0.420% / °C
Temperature Coefficient (Voc)	-0.346% / °C
Temperature Coefficient (Isc)	0.065% / °C
Nominal Operating Cell Temperature	45.3 ± 2 °C

ELECTRICAL CHARACTERISTICS

