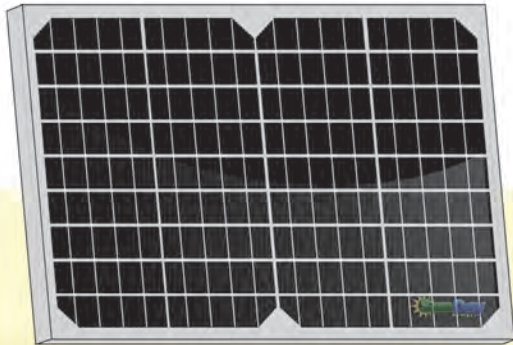
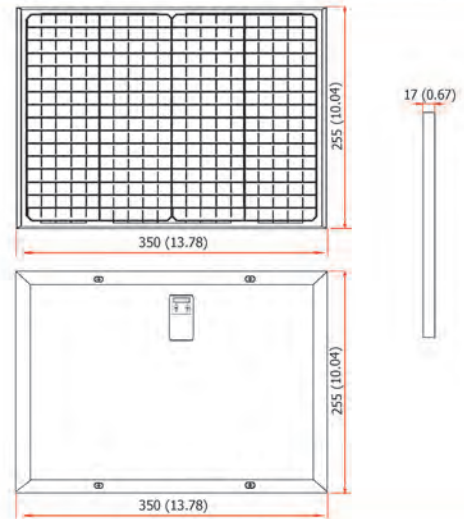


MONOCRYSTALLINE MODULE 10W



SOLAR MODULE:
SDM-10

PHYSICAL CHARACTERISTICS Unit: mm (inch)



ELECTRICAL SPECIFICATIONS

Model Type	SDM-10
Nominal Maximum Power (Pmax)	10W
Optimum Operating Voltage (Vmp)	17.82V
Optimum Operating Current (Imp)	0.57A
Open Circuit Voltage (Voc)	21.96V
Short Circuit Current (Isc)	0.63A
Module Efficiency	10.21%
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 22.3mm
Cell Arrangement	36 cells in series
Dimensions	350 x 255 x 17 mm
Weight	1.00kg
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

