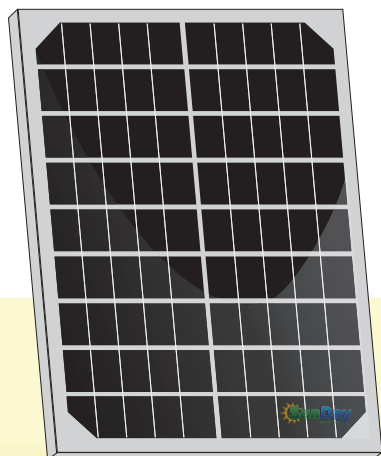


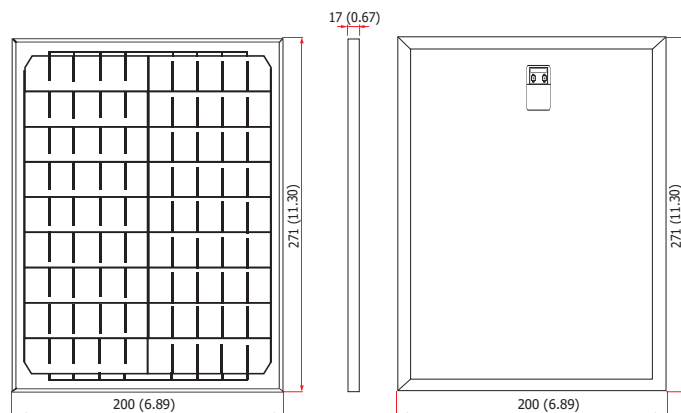
MONOCRYSTALLINE

MODULE 5W



SOLAR MODULE:
SDM-5

PHYSICAL CHARACTERISTICS Unit: mm (inch)



ELECTRICAL SPECIFICATIONS

Model Type	SDM-5
Nominal Maximum Power (Pmax)	5W
Optimum Operating Voltage (Vmp)	8.88V
Optimum Operating Current (Imp)	0.57A
Open Circuit Voltage (Voc)	10.30V
Short Circuit Current (Isc)	0.78A
Module Efficiency	15.20%
Cell Efficiency	17.50%
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	18 cells in series
Dimensions	271 x 200 x 17 mm
Weight	0.60kg
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
Normal Operating Cell Temperature	45.3 ± 2 °C

ELECTRICAL CHARACTERISTICS

(SDM-5)

Current-Voltage Characteristic (I-V Curve)

