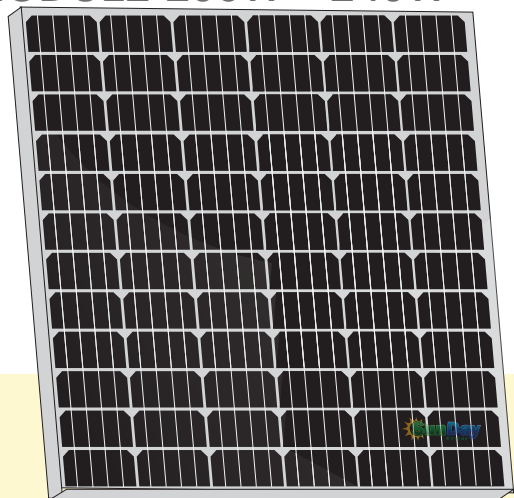
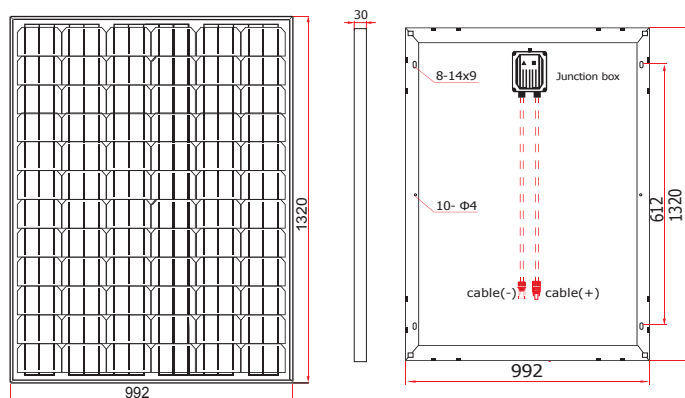


# MONOCRYSTALLINE MODULE 200W - 240W



SOLAR MODULE:  
SDM-200, SDM-205, SDM-210

## PHYSICAL CHARACTERISTICS Unit: mm (inch)



## ELECTRICAL SPECIFICATIONS

Model Type	SDM-200	SDM-205	SDM-210	SDM-215	SDM-220	SDM-225	SDM-230	SDM-235	SDM-240
Nominal Maximum Power (Pmax)	200W	205W	210W	215W	220W	225W	230W	235W	240W
Optimum Operating Voltage (Vmp)	36.05V	36.07V	36.14V	36.21V	36.21V	36.27V	36.33V	36.39V	36.46V
Optimum Operating Current (Imp)	5.55A	5.69A	5.81A	5.94A	6.08A	6.21A	6.33A	6.46A	6.58A
Open Circuit Voltage (Voc)	46.38V	46.38V	46.55V	46.55V	46.65V	46.65V	46.76V	46.83V	46.95V
Short Circuit Current (Isc)	5.61A	5.74A	5.85A	5.99A	6.12A	6.26A	6.41A	6.55A	6.68A
Module Efficiency	15.27%	15.66%	16.03%	16.42%	16.80%	17.18%	17.56%	17.95%	18.33%
Cell Efficiency	19.00%	19.00%	19.50%	19.50%	20.5%	20.5%	20.5%	21%	21%
Power Tolerance	0 to +3%								
Maximum System Voltage	DC 1000V								
Operating Temperature	-40°C ~ +85°C								
Maximum Series Fuse Rating	15A								
Number of Bypass Diode	3								

## MECHANICAL DATA

Cell Type	156mm x 104mm
Cell Arrangement	72cells in series
Dimensions	1320 x 992 x 35 mm
Weight	15kg
Front Cover	3.2mm tempered glass
Frame Material	Anodized aluminium alloy
J- Box	IP65, 2 diodes
Cable	4mm (1EC) / 12AWG (UL), 900mm
Connectors	MC4 or MC4 compatible

## 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-240)  
Current-Voltage Characteristic (I-V Curve)

