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Solar Panel Guide Specification Data Sheet

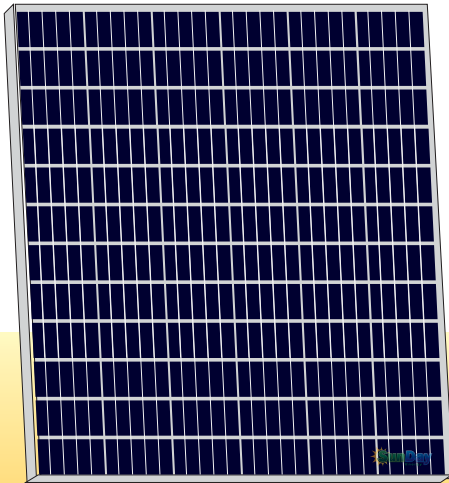
Changzhou Sunday Energy Co., Ltd.

SDP-200-210

SDP-210

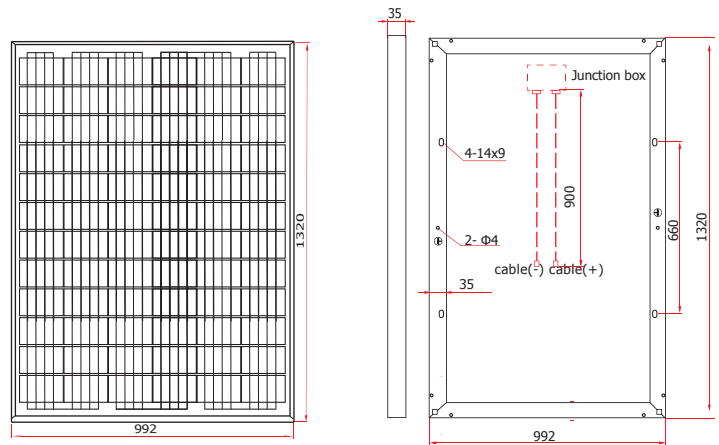
Also available on the web at
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POLYCRYSTALLINE MODULE 200-210W



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

PHYSICAL CHARACTERISTICS Unit: mm (inch)



ELECTRICAL SPECIFICATIONS

Model Type	SDP-200	SDP-205	SDP-210
Nominal Maximum Power (Pmax)	200W	205W	210W
Optimum Operating Voltage (Vmp)	35.88V	36.01V	36.13V
Optimum Operating Current (Imp)	5.57A	5.69A	5.81A
Open Circuit Voltage (Voc)	45.47V	45.51V	45.51V
Short Circuit Current (Isc)	5.71A	5.77A	5.91A
Module Efficiency	15.27%	15.66%	16.10%
Cell Efficiency	18.80%	18.80%	18.80%
Power Tolerance		0 to +5W	
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	1320x 992 x 35mm
Weight	15kg
Front Cover	3.2mm tempered glass
Frame Material	Anodized aluminium alloy
J- Box	IP67, 3 diodes
Cable	4mm (IEC) / 12AWG (UL), 900mm (650mm is optional)
Connectors	MC4 or MC4 compatible

TEMPERATURE CHARACTERISTICS

Temperature Coefficient (Pmax)	-0.410% / °C
Temperature Coefficient (Voc)	-0.340% / °C
Temperature Coefficient (Isc)	0.040% / °C
Norminal Operating Cell Temperature	45.3 ± 2 °C

ELECTRICAL CHARACTERISTICS

