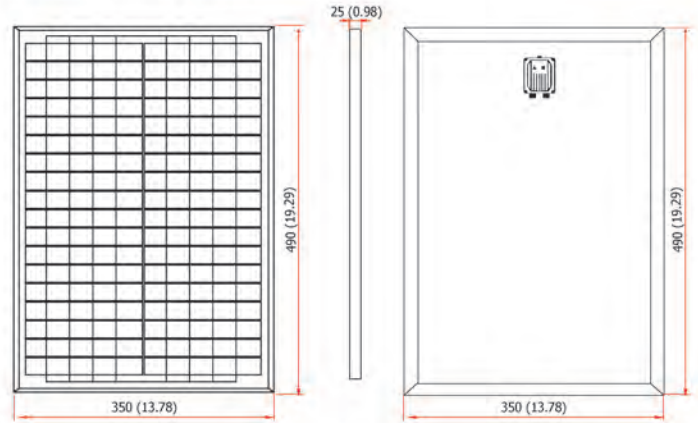


POLYCRYSTALLINE MODULE 20W



SOLAR MODULE:
SDP-20

PHYSICAL CHARACTERISTICS Unit: mm (inch)



ELECTRICAL SPECIFICATIONS

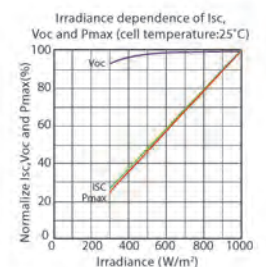
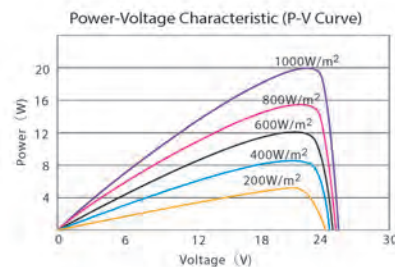
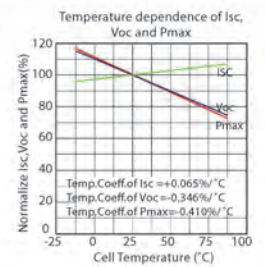
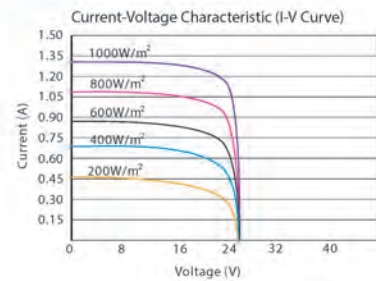
Model Type	SDP-20
Nominal Maximum Power (Pmax)	20W
Optimum Operating Voltage (Vmp)	17.50V
Optimum Operating Current (Imp)	1.14A
Open Circuit Voltage (Voc)	21.60V
Short Circuit Current (Isc)	1.29A
Module Efficiency	15.50%
Cell Efficiency	17.21%
Power Tolerance	0 to +3%
Maximum System Voltage	DC 1000V
Operating Temperature	-40°C ~ +85°C

MECHANICAL DATA

Cell Type	156mm x 22.3mm
Cell Arrangement	36 cells in series
Dimensions	490 x 350 x 25 mm
Weight	2.00kg
Front Cover	3.2mm tempered glass
Frame Material	Anodized aluminium alloy
J-Box	IP65

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ELECTRICAL CHARACTERISTICS



TEMPERATURE CHARACTERISTICS

Temperature Coefficient (Pmax)	-0.410% / °C
Temperature Coefficient (Voc)	-0.346% / °C
Temperature Coefficient (Isc)	0.065% / °C
Normal Operating Cell Temperature	45.3 ± 2 °C