

Solarmodule 220Wp Mono 38V

ELECTRICAL CHARACTERISTICS

Model	Mono 220W
Maximum Power at STC(Pmax)	220W
Optimum Operating Voltage (Vmp)	38.00V
Optimum Operating Current (Imp)	5.81A
Open-Circuit Voltage (Voc)	46.85V
Short-Circuit Current (Isc)	6.35A
Solar Cell Efficiency (%)	18.63%
Solar Module Efficiency (%)	19.61%
Operating Temperature	-40 to 85°C
Maximum System Voltage	DC1000
Maximum Series Fuse Rating	15A
Power Tolerance	0~+3%
STC:Irradiance 1000W/m ² , Modules Temperature 25°C, AM=1.5	

TEMPERATURE COEFFICIENT AND MECHANICAL CHARACTERISTICS

Nominal Operating Cell Temperature (NOCT)	45°C+/-2°C
Temperature Coefficient of Pmax	-0.41%/°C
Temperature Coefficient of VOC	-0.34%/°C
Temperature Coefficient of ISC	+0.06%/°C
Solar cell	Mono
No.of cells	72(4×18)
Dimensions	1580*710*35mm
Weight	11.5kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Output cables	PV 4.0mm ² ,0.9m

Date: May 2023