SR 200Wp Poly

SUNRISE MODULES

Cells

Cell Technology	Polycrystalline silicon
Number per module	54
Cells dimensions	156× 156 mm

Electrical data

		SR 200P
Maximum power	P_{max}	200W
Open Circuit Voltage	V_{oc}	36.63V
Maximum power point voltage	V_{mpp}	28.9V
Short circuit current	I_{sc}	8.3A
Maximum power point current	I_{mpp}	7.1A

FF Factor	77.47 %
Module Efficiency	14.10%

*At Standard Conditions (STC) Irradiance 1000 watt/m², spectrum AM 1,5 at a cell temperature of 25°C.

Thermal data

NOCT	47°C ± 2°C
Temperature Coefficient of V_{oc}	- (70 ± 5) mV / °C
Temperature Coefficient of I_{sc}	+ 0.04 % / °C
Temperature Coefficient of Power	- 0.35 % / °C

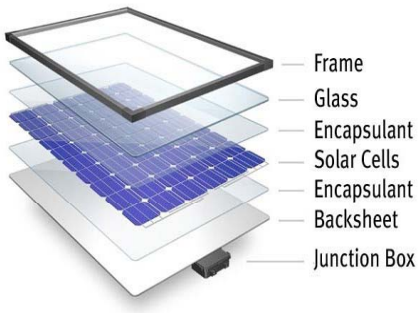
System integrated parameters

Maximum system voltage SCII	600 VDC
Maximum reverse current	Do not apply external voltages larger than V_{oc} to the module

Additional data

Junction box	1000 VDC
Connector (optional)	Plug type 4
Power tolerance	± 5%
Cable	4 mm²
Cable lengths	1000 mm
Bypass diodes	3 pieces

Module Construction



Features

High conversion efficiency
Low power tolerance of 0~+3%
Low degradation under light exposure
Can withstand high wind-pressure, Snowload and extreme temp.
IEC 61215 2400Pa mechanical load test

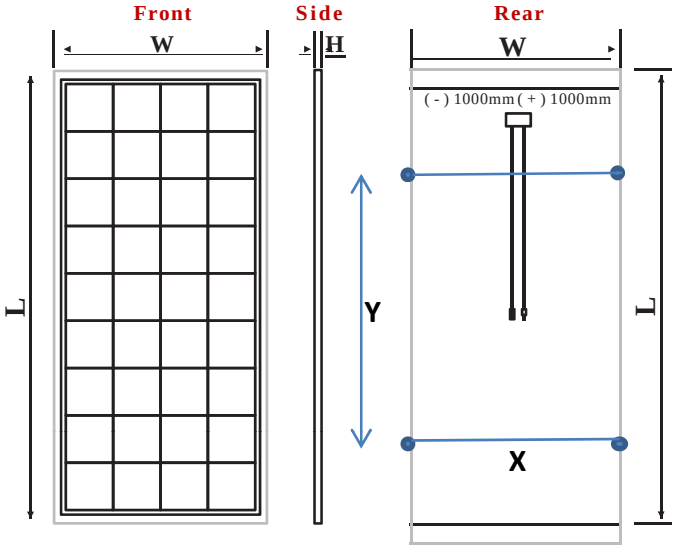
Quality and Safety

10-year warranty on product materials and processing technology
Power output warranty:10 years:90%,25 years:80%
ISO 9001:2008(Quality Management System) certified factory
IEC61215,IEC61730 certified products

Applications

- On-grid residential roof-tops
- On-grid commercial rooftops
- Off-grid system
- Other on-grid applications

Dimensions



Mechanical Data

Dimension of the module L × W × H	1485 × 1000 × 40 mm
Weight	19.1kg
Mounting Holes X - mm	970 mm
Mounting Holes Y - mm	1100 mm

Note : The data presented may change without any prior notice due to further improvements in the product design.
Cable and connectores are optional,IP-65/67 Junction Box,Mc4 comptabale M/F connectors along with 1 meter cable shall be Provided against customer request

Sunrise solar solutions reserves the right to change specifications without notice .

SUNRISE SOLAR SOLUTIONS
MIG 1A/22/1,MVP Sector-9
Visakhapatnam, Andhra pradesh, India-530017
Tel: +91-7416199777, 0891-6669009
Email: sunrisesolarsolutions@yahoo.in