

Company

Sunworth solar, we commit ourselves to R&D, manufacture and technical innovation on PV modules and solar power system. To provide high quality products with various specifications for customers is always our pursuit.

Characteristics

- Use high quality solar cells to advanced encapsulation
- Adopt high transparent low-iron tempered glass, high quality anti-UV EVA and back sheet.
- With multi-ply performance testing for each module, to ensure the product quality and output performance.
- Using anodization aluminum frame with anticorrosion, to ensure solar module working under extremely and badly outdoors environment

Warranty

- 20 years power output warranty, 90% power output for 5years, and 80% power output for 20years.
- 3 years workmanship warranty.

Quality and safety

- ISO9001:2008 certified supplier, we provide world first class solar products for clients.
- IEC 61215, IEC 61730, IEC, CQC, CGC, CE, approved.



Electrical Characteristics

Model No.	SW215P	SW220P
Maximum Power (Pmax)	215W	220W
Max-power Voltage (Vmp)	36.4V	36.5V
Max-power Current (Imp)	5.91A	6.03A
Open-circuit Voltage (Voc)	42.9V	43.1V
Short-circuit Current (Isc)	6.38A	6.51A
Module Efficiency	14.9%	15.0%
Operating Temperature	-40°C~+85°C	
Maximum System Voltage	1000Vdc	
Maximum Series Fuse Rating	15A	
Power tolerance	+3%	

*STC condition: 1000 W/m²,1.5AM and 25°C cell temperature.



Temperature characteristics

NOCT	46°C±2°C
Temperature Co-efficient of Pmax	-0.398%/°C
Temperature Co-efficient of Voc	-0.34%/°C
Temperature Co-efficient of Isc	0.0576%/°C

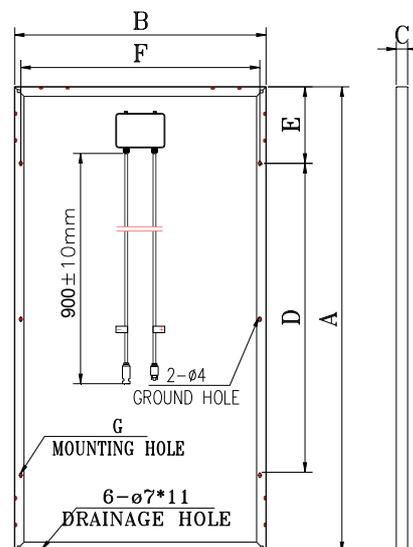
Mechanical characteristics

Model No.	SW215P	SW220P
Cell Type	Polycrystalline silicon 156mm cutting	
Cell Arrangement	72(6*12)	72(6*12)
Dimensions	1455*990*35mm	1485*990*35mm
Weight	16.1Kg	16.4Kg
Front Cover	3.2mm tempered glass	
Frame Material	Anodized aluminium alloy	
Junction Box	IP65 rated	
Output Cables	4mm ² , Length 900mm	
Connectors	MC4 comparable	

Dimensions

Unit: mm

Model No.	SW215P	SW220P
A	1455	1485
B	990	990
C	35	35
D	1055	1085
E	200	200
F	952	952
G	4-ø9*14	4-ø9*14



Packing

Model No.	SW215P	SW220P
Packing method	Carton & Pallet	Carton & Pallet
20'GP (Ref.)	406	406
40'GP (Ref.)	870	812

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