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Solar Panel Guide Specification Data Sheet

**DONGGUAN SUNWORTH NEW ENERGY TECH
CO.,LTD
SW065-075P
SW070P**

Also available on the web at
EnergyPal.com/dongguan-sunworth-new-energy-tech-co-ltd-solar-panels/sw070p



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.	SW065P	SW070P	SW075P
Maximum Power (Pmax)	65W	70W	75W
Max-power Voltage (Vmp)	18.1V	18.1V	18.2V
Max-power Current (Imp)	3.59A	3.87A	4.12A
Open-circuit Voltage (Voc)	21.8V	21.8V	22.1V
Short-circuit Current (Isc)	3.90A	4.20A	4.49A
Module Efficiency	14.4%	14.4%	14.8%
Operating Temperature	-40°C~+85°C		
Maximum System Voltage	600Vdc		
Maximum Series Fuse Rating	10A		
Power tolerance	±3%		

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



Temperature characteristics

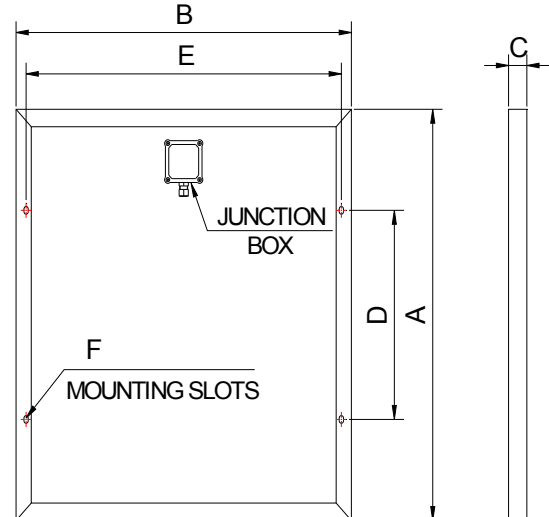
NOCT	46°C±2°C
Temperature Co-efficient of Pmax	-0.398%/°C
Temperature Co-efficient of Voc	-0.34%/°C
Temperature Co-efficient of Isc	0.0576%/°C

Mechanical characteristics

Model No.	SW065P	SW070P	SW075P
Cell Type	Polycrystalline silicon 156mm cutting		
Cell Arrangement	36(4*9)	36(4*9)	36(4*9)
Dimensions	685*660*25mm	735*660*25mm	765*660*25mm
Weight	5.0Kg	5.3Kg	5.5Kg
Front Cover	3.2mm tempered glass		
Frame Material	Anodized aluminium alloy		
Junction Box	IP65 rated		
Output Cables	Optional		
Connectors	Optional		

Dimensions

Model No.	SW065P	SW070P	SW075P
Unit: mm			
A	685	735	765
B	660	660	660
C	25	25	25
D	380	400	400
E	627	627	627
F	4-ø7*11	4-ø7*11	4-ø7*11



Packing

Model No.	SW065P	SW070P	SW075P
Packing method	Carton & Pallet	Carton & Pallet	Carton & Pallet
20'GP (Ref.)	1632	1428	1428
40'GP (Ref.)	3627	3060	2856

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