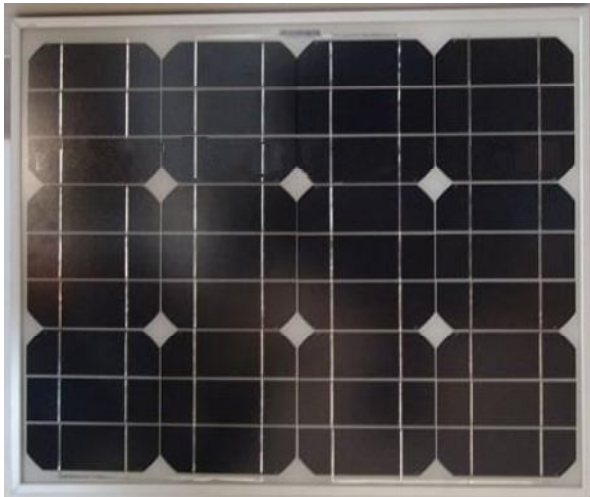




Company

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.	SW050M	SW055M
Maximum Power (Pmax)	50W	55W
Max-power Voltage (Vmp)	18.6V	18.9V
Max-power Current (Imp)	2.69A	2.91A
Open-circuit Voltage (Voc)	22.5V	22.7V
Short-circuit Current (Isc)	2.92A	3.20A
Module Efficiency	14.3%	15.7%
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	-0.42%/°C
Temperature Co-efficient of Voc	-0.35%/°C
Temperature Co-efficient of Isc	0.05%/°C

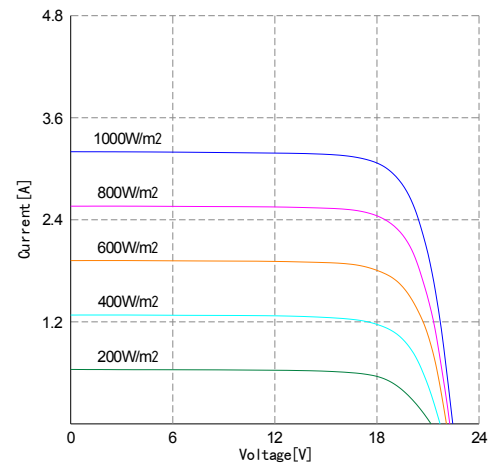
Mechanical characteristics

Model No.	SW050M/055M
Cell Type	Monocrystalline silicon 156*52mm
Cell Arrangement	36(4*9)
Dimensions	660*530*20mm
Weight	3.7Kg
Front Cover	3.2mm tempered glass
Frame Material	Anodized aluminium alloy
Junction Box	IP65 rated
Output Cables	Optional
Connectors	Optional

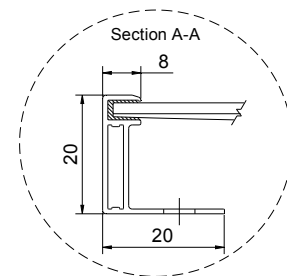
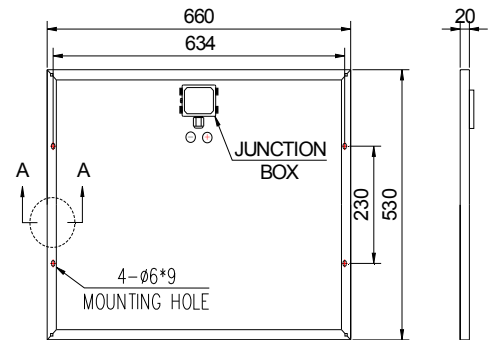
Packing

Packing	20'GP	40'GP
Pieces per Carton	6	6
Carton/Pallet	28	28
Pallet/Container	15	30
Pieces/container	2520	5040

I-V Curve



Dimensions



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