

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

- High efficiency solar cell to keep the modules efficiency reach to 15.22%.
- Positive tolerance to ensure higher output.
- Excellent performance under weak light conditions.
- Modules withstand extremely (temperature, load and impact) TUV certification.
- All modules combination and packing through stepping current to keep effectively reduce mismatch loss.
- 100% EL test to keep higher quality.

Warranty

- 2 years workmanship warranty.

Quality and safety

- ISO9001:2015、ISO14001:2015、ISO45001:2018 certified supplier, we provide world first class solar products for clients.
- TUV,IEC,CEC,CE,CB approved.



- P65 junction box



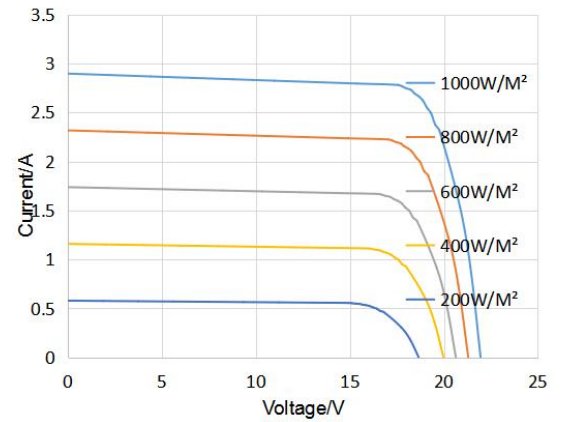


Electrical Characteristics

Model No.	SW050M
Maximum Power (Pmax)	50W
Max-power Voltage (Vmp)	18.3V
Max-power Current (Imp)	2.73A
Open-circuit Voltage (Voc)	21.96V
Short-circuit Current (Isc)	2.89A
Module Efficiency	15.22%
Operating Temperature	-40°C ~ +85°C
Maximum System Voltage	500Vdc
Maximum Series Fuse Rating	10A
Power Tolerance	± 3%

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

I-V Curve



Temperature Characteristics

NMOT	46°C ± 2°C
Temperature Co-efficient of Pmax	-0.398%/°C
Temperature Co-efficient of Voc	-0.340%/°C
Temperature Co-efficient of Isc	0.0576%/°C

Mechanical Characteristics

Mono Power	50W
Cell Type	Mono 125*125mm
Cell Arrangement	36(4*9)
Dimensions	620*530*3mm
Weight	1.8kg
Front Cover	0.3mm, TPT
Frame Material	
Junction Box	IP65 rated
Output Cables	/

Packing

Packing	20'GP	40'HC
Pieces per Carton		
Pieces/container		

Dimensions

