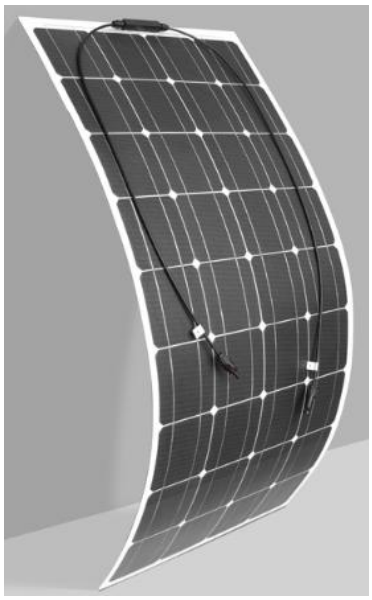
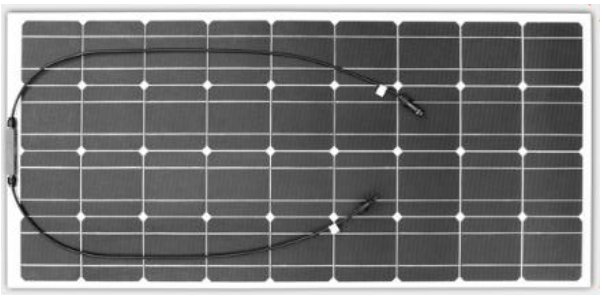
SUNWORTH SOLAR

Dimensions：1200*540*3mm
Mono Power：100W





- P65 junction box
- Output Cables: 4mm^2,Length 900mm+MC4

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 15.43%.
- 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 certified supplier, we provide world first class solar products for clients.
- TUV,IEC,CEC,CE,CB approved.

ISO 9001 ISO 14001 SGS TÜV SAAR IEC 61215 IEC 61730 Periodical Inspection IEC CB Clean Energy Council CE

SUNWORTH SOLAR

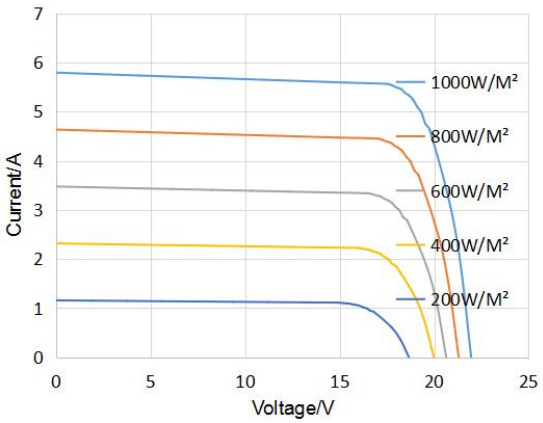
Dimensions：1200*540*3mm
Mono Power：100W

Electrical Characteristics

Model No.	SW100M	SW105M	SW108M
Maximum Power (Pmax)	100 W	105 W	108 W
Max-power Voltage (Vmp)	18.30 V	18.30 V	18.30 V
Max-power Current (Imp)	5.46 A	5.74 A	5.90 A
Open-circuit Voltage (Voc)	21.96 V	21.96 V	21.96 V
Short-circuit Current (Isc)	5.79 A	6.08 A	6.26 A
Module Efficiency	15.43 %	16.20 %	16.67 %
Operating Temperature	-40℃~+85℃		
Maximum System Voltage	600Vdc		
Maximum Series Fuse Rating	10A		
Power Tolerance	±3%		

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

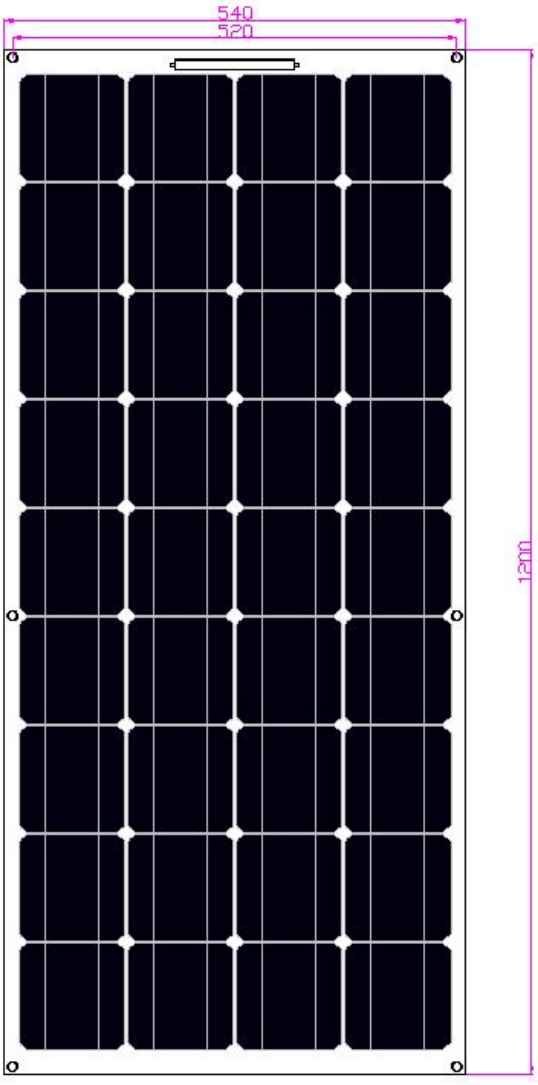
I-V Curve



Temperature Characteristics

NMOT	46℃±2℃
Temperature Co-efficient of Pmax	-0.39%/℃
Temperature Co-efficient of Voc	-0.30%/℃
Temperature Co-efficient of Isc	0.06%/℃

Dimensions



Mechanical Characteristics

Mono Power	100~108W
Cell Type	MONO125*125 mm
Cell Arrangement	36(4*9)
Dimensions	1200*540*3mm
Weight	3.5kg
Front Cover	0.3mm，TPT
Frame Material	
Junction Box	IP65 rated
Output Cables	2.5mm²,Length 700mm+MC4

Packing

Packing	20'GP	40'HC
Pieces/Pallet		
Pieces/container		