



Polycrystalline Module

Dimensions : 660*765*25mm

Poly Power : 75W~80W



80W

Max power output

15.84%

Max Efficiency

±3%

Positive Power Tolerance

SUNWORTH - Your Trusted Brand of High Quality

- Professional crystalline silicon photovoltaic module manufacturer.
- Fully automated production line with leading photovoltaic technology.
- Adopt strict international standard quality management system ISO 9001:2015, ISO14001: 2015.
- Passed variety of harsh environmental tests (salt spray, ammonia and sand storm corrosion test IEC61730-2:2016, IEC61215:2016).
- Twice EL test to ensure the reliability of the solar modules.



5 Bus Bar Solar Cells

5 BB solar cells, improve the modules' efficiency ,and contributed a better aesthetic appearance



High Efficiency

High efficiency solar cells to keep the module efficiency reach to 15.84%



Low-light Performance

Advanced glass and cell surface textured design ensure excellent performance in low-light environment



PID Resistance

Excellent Anti-PID performance guarantee limited power degradation for mass production



Severe Weather Resilience

2400 Pa wind load
5400 Pa snow load



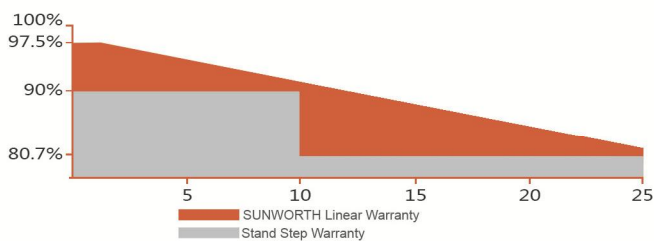
100% EL Testing

100% EL detection before and after lamination

Linear Performance Warranty

10 years Product Warranty

25 years Linear Power Warranty



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Electrical Characteristics

Model No.	SW075P-36	SW080P-36
Maximum Power (Pmax)	75W	80W
Max-power Voltage (Vmp)	18.57V	18.74V
Max-power Current (Imp)	4.04A	4.27A
Open-circuit Voltage (Voc)	22.35V	22.70V
Short-circuit Current (Isc)	4.37A	4.51A
Module Efficiency	14.85%	15.84%
Operating Temperature	-40°C~+85°C	
Maximum System Voltage	300Vdc	
Maximum Series Fuse Rating	10A	
Power Tolerance	±3%	

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

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

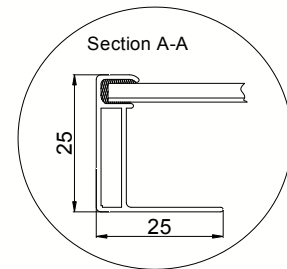
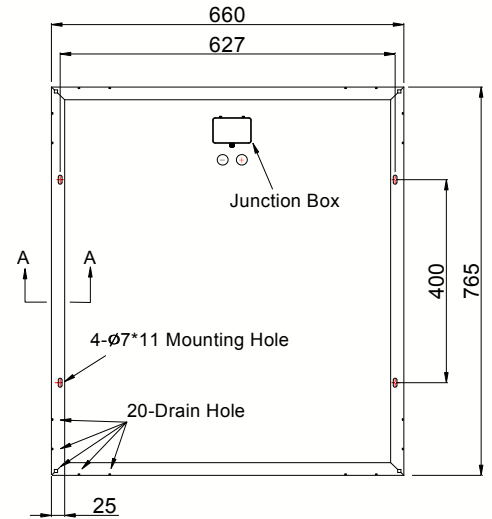
Mechanical Characteristics

Mono Power	75W~80W
Cell Type	Poly 157*78.5mm
Cell Arrangement	36(4*9)
Dimensions	660*765*25mm
Weight	5.2kg
Front Cover	3.2mm tempered glass
Frame Material	Anodized aluminium alloy
Junction Box	IP65 rated
Output Cables	/

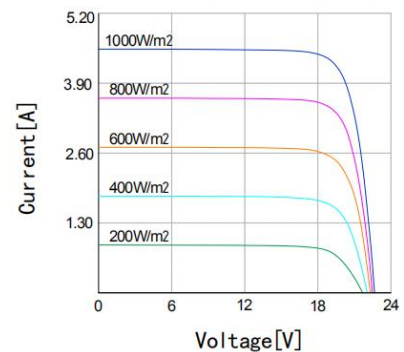
Packing

Packing	20'GP	40'HC
Pieces per Carton	5	5
Pieces/container	1540	3080

Module Size



I-V Curve



SUNWORTH solar modules have superior performance under low solar irradiation condition (200W/m² (AM1.5, 25 °C)

Website: www.sunworthsolar.com