

Polycrystalline Module

Dimensions : 665*1480*30mm

Poly Power : 150W~160W

160W

Max power output

16.26%

Max Efficiency

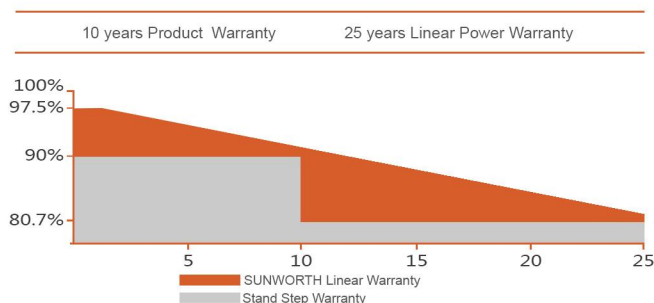
±3%

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.

Linear Performance Warranty



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 16.26%



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

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Poly Power: 150W~160W

Electrical Characteristics

Model No.	SW150P-36	SW155P-36	SW160P-36
Maximum Power (Pmax)	150W	155W	160W
Max-power Voltage (Vmp)	18.54V	18.73V	18.92V
Max-power Current (Imp)	8.10A	8.28A	8.46A
Open-circuit Voltage (Voc)	22.32V	22.68V	23.04V
Short-circuit Current (Isc)	8.76A	8.85A	8.94A
Module Efficiency	15.24%	15.75%	16.26%
Operating Temperature	-40°C~+85°C		
Maximum System Voltage	1000Vdc		
Maximum Series Fuse Rating	15A		
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

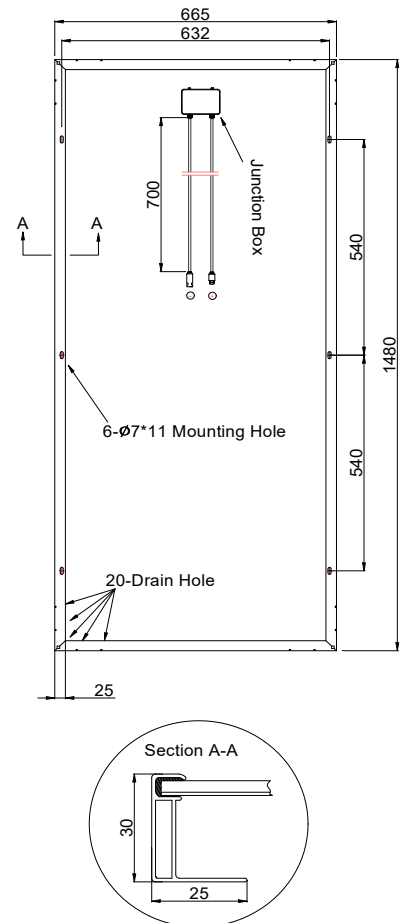
Mechanical Characteristics

Mono Power	150W~160W
Cell Type	Poly 157*157mm
Cell Arrangement	36(4*9)
Dimensions	665*1480*30mm
Weight	10.6kg
Front Cover	3.2mm tempered glass
Frame Material	Anodized aluminium alloy
Junction Box	IP65 rated
Output Cables	2.5mm ² , Length 700mm+MC4

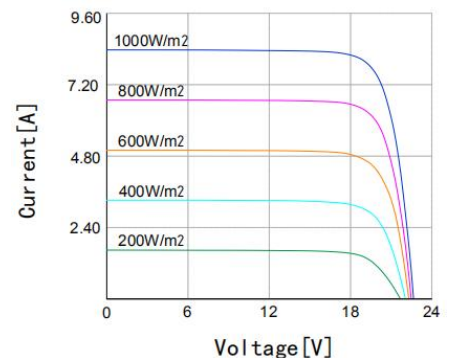
Packing

Packing	20'GP	40'HC
Pieces per Carton	3	3
Pieces/container	660	1380

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