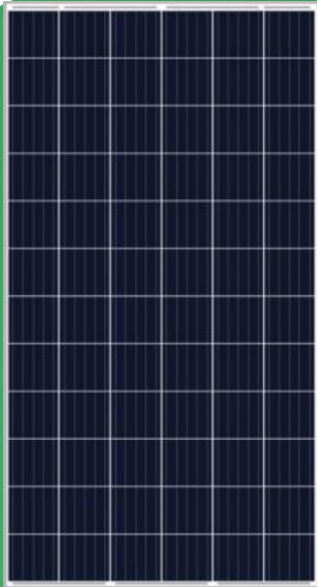


# Polycrystalline Module

Dimensions : 992\*1956\*35mm

Poly Power : 300W~325W



## 325W

Max power output

## 16.75%

Max Efficiency

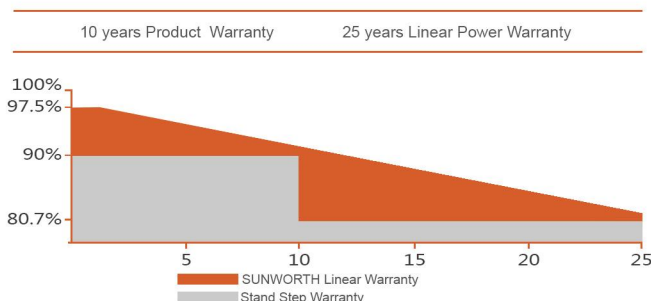
## ± 3%

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 16.75%



#### 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

**Dimensions: 992\*1956\*35mm**  
**Poly Power: 300W~325W**

## Electrical Characteristics

Model No.	SW300P-72	SW310P-72	SW320P-72
Maximum Power (Pmax)	300W	310W	320W
Max-power Voltage (Vmp)	37.10V	37.22V	37.41V
Max-power Current (Imp)	8.09A	8.33A	8.56A
Open-circuit Voltage (Voc)	45.19V	45.29V	45.44V
Short-circuit Current (Isc)	8.75A	8.87A	9.05A
Module Efficiency	15.46%	15.98%	16.49%
Operating Temperature	-40°C~+85°C		
Maximum System Voltage	1000Vdc		
Maximum Series Fuse Rating	15A		
Power Tolerance	±3%		

\*STC condition: 1000 W/m<sup>2</sup>, 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

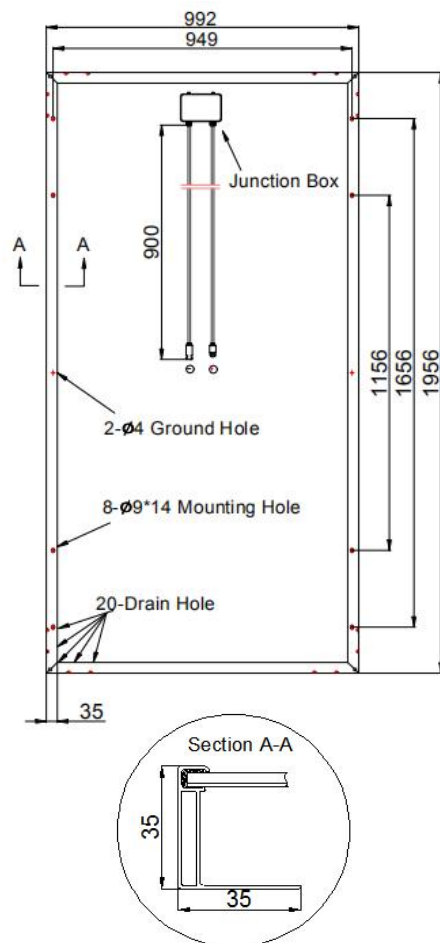
## Mechanical Characteristics

Mono Power	300W~325W
Cell Type	Poly 157*157mm
Cell Arrangement	72(6*12)
Dimensions	992*1956*35mm
Weight	20.5kg
Front Cover	3.2mm tempered glass
Frame Material	Anodized aluminium alloy
Junction Box	IP67 rated
Output Cables	4mm <sup>2</sup> , Length 900mm+MC4

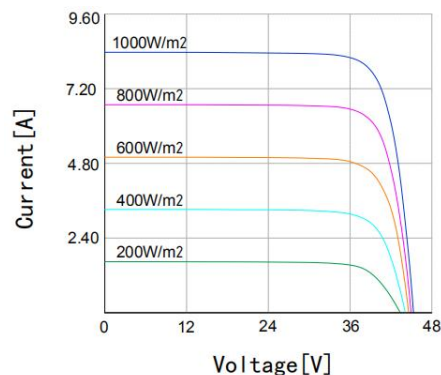
## Packing

Packing	20'GP	40'HC
Pieces per Carton	30	30
Pieces/container	300	660

## Module Size



## I-V Curve



SUNWORTH solar modules have superior performance under low solar irradiation condition ( 200W/ m<sup>2</sup> (AM1.5, 25 °C)

Website: [www.sunworthsolar.com](http://www.sunworthsolar.com)