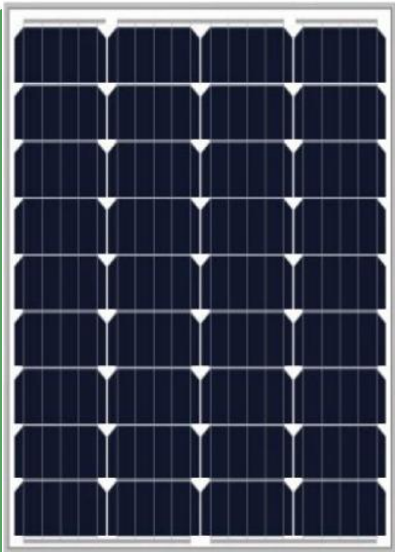




# Monocrystalline Module

Dimensions : 660\*765\*25mm

Mono Power : 80W~95W



**85W**

Max power output

**16.84%**

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 16.84%



### 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



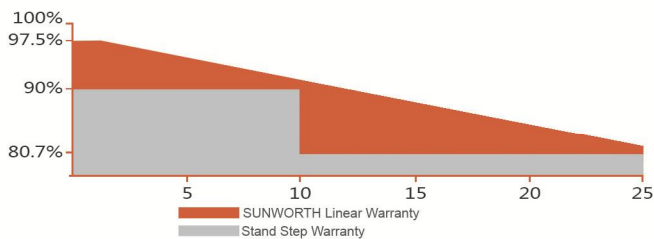
### 100% EL Testing

100% EL detection before and after lamination

## Linear Performance Warranty

10 years Product Warranty

25 years Linear Power Warranty



**Dimensions: 660\*765\*25mm**  
**Mono Power: 80W~95W**

### Electrical Characteristics

Model No.	SW080M-36	SW085M-36
Maximum Power (Pmax)	80W	85W
Max-power Voltage (Vmp)	19.10V	19.28V
Max-power Current (Imp)	4.20A	4.41A
Open-circuit Voltage (Voc)	23.32V	23.54V
Short-circuit Current (Isc)	4.65A	4.70A
Module Efficiency	15.84%	16.84%
Operating Temperature	-40°C~+85°C	
Maximum System Voltage	300Vdc	
Maximum Series Fuse Rating	10A	
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

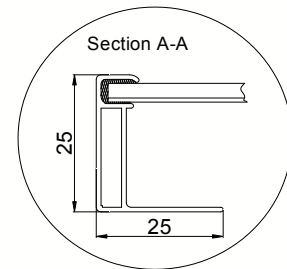
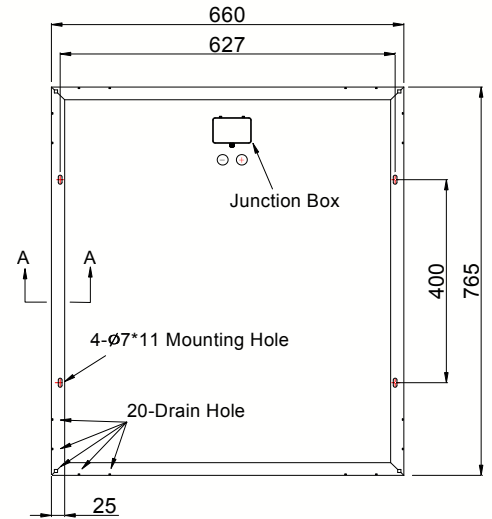
### Mechanical Characteristics

Mono Power	80W~95W
Cell Type	Mono 156.75*78.38mm
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	/

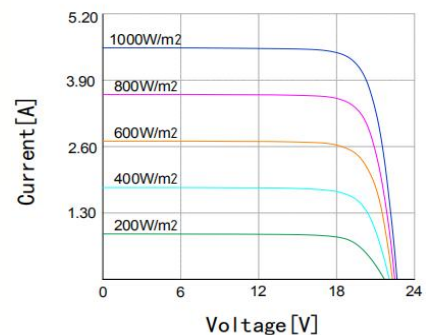
### Packing

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/ m<sup>2</sup> (AM1.5, 25 °C)

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