

**Mono Power: 440W**  
**Dimensions: 75.16\*44.65\*1.38inch**



### Characteristics

- High efficiency solar cell to keep the modules efficiency reach to 20.32%.
- 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.



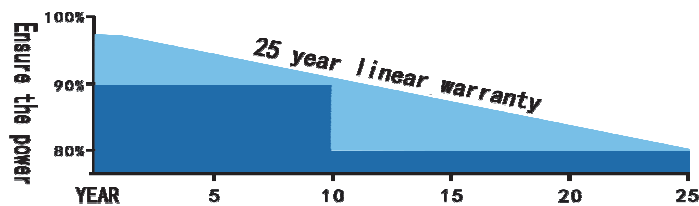
Anodized aluminum frame withstand corrosion and damage, Special osculum can reduce destruction by water freeze.



IP68 junction box long-term weather endurance.

### Warranty

- 25 years Linear Product Workmanship Warranty.
- 10 years workmanship warranty.



### Quality and safety

- ISO9001:2015、ISO14001:2015、ISO45001:2018 certified supplier, we provide world first class solar products for clients.
- TUV,IEC,CEC,CE,CB approved.



## Electrical Characteristics

Model No.	SG-440WM
Maximum Power (Pmax)	440W
Max-power Voltage (Vmp)	33.72V
Max-power Current (Imp)	13.05A
Open-circuit Voltage (Voc)	39.79V
Short-circuit Current (Isc)	13.73A
Module Efficiency	20.33%
Operating Temperature	-40°F to 185°F(-40°C~+85°C)
Maximum System Voltage	1500Vdc
Maximum Series Fuse Rating	20A
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	-0.39%/°C
Temperature Co-efficient of Voc	-0.34%/°C
Temperature Co-efficient of Isc	0.06%/°C

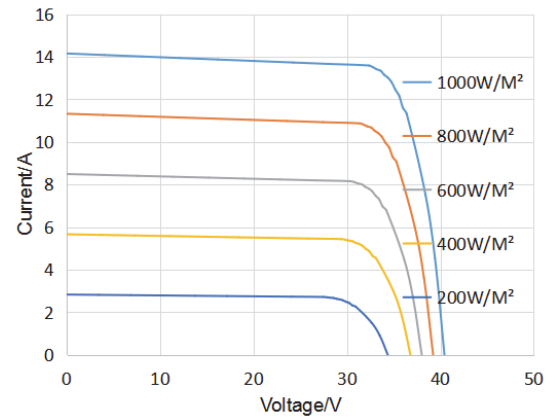
## Mechanical Characteristics

Mono Power	440W
Cell Type	PERC Mono182*91mm
Cell Arrangement	12(6*20)
Dimensions	75.16*44.65*1.38inch (1909*1134*35mm)
Weight	54.0lbs(24.5kg)
Front Cover	3.2mm tempered glass
Frame Material	Anodized aluminium alloy
Junction Box	IP68 rated
Output Cables	4mm <sup>2</sup> , Length: (+) 300mm/ (-) 300mm

## Packing

Packing	40HC
Pieces/Pallet	31
Pieces/container	744

## I-V Curve



## Dimensions

