



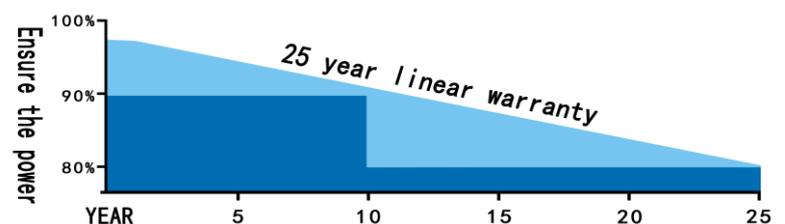
Dimensions: 2278*1134*35mm
Mono Power: 550W

Characteristics

- High efficiency solar cell to keep the modules efficiency reach to 21.3%.
- 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.

Warranty

- 5 year 95% output warranty, 10 year 90% output warranty, 25 year 80% output warranty.
- 12 years material and workmanship warranty.



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



Quality and safety

- ISO9001:2015 certified supplier, we provide world first class solar products for clients.
- TUV,IEC,CEC,CE,CB CA 92618 approved.
- UL61730, CEC Listed

IP68 junction box long-term weather endurance.



ISO 9001 ISO 14001

SGS TÜV SAAE IEC 61215 IEC 61738

IEC

CB

CEC

CE

UL

Electrical Characteristics

Model No.	SG550WM
Maximum Power (Pmax)	550W
Max-power Voltage (Vmp)	41.00V
Max-power Current (Imp)	13.45A
Open-circuit Voltage (Voc)	49.70V
Short-circuit Current (Isc)	14.03A
Module Efficiency	21.3%
Operating Temperature	-40 F to 185 F (-40°C~+85°C)
Maximum System Voltage	1500Vdc
Maximum Series Fuse Rating	25A
Power Tolerance	±3%

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

Temperature Characteristics

NMOT	44°C±2°C
Temperature Co-efficient of Pmax	-0.38%/°C
Temperature Co-efficient of Voc	-0.35%/°C
Temperature Co-efficient of Isc	0.06%/°C

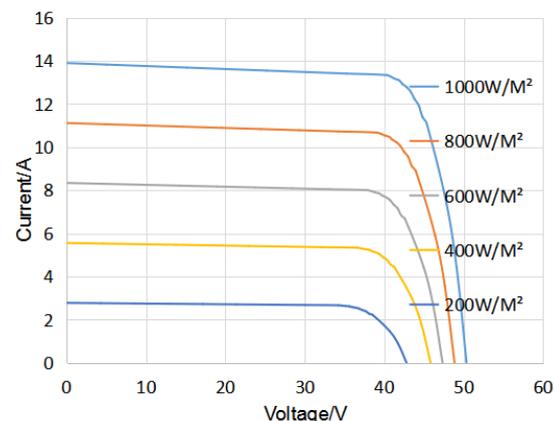
Mechanical Characteristics

Mono Power	550W
Cell Type	Mono 182*91mm
Cell Arrangement	144(6*24)
Dimensions	89.7*44.8*1.4inch (2278*1134*35mm)
Weight	62.4lbs (28.3kg)
Front Cover	3.2mm tempered glass
Frame Material	Anodized aluminium alloy
Junction Box	IP68 rated
Output Cables	4mm ² ,Length: (+) 300mm/ (-) 300mm

Packing

Packing	40'HC
Pieces/Pallet	32
Pieces/container	600

I-V Curve



Dimensions

