



Company

At Star 8 commit ourselves to R&D, manufacture and technical innovation on PV modules and solar power system. To provide high quality products with various specifications for customers is always our pursuit.

Characteristics

- High efficiency solar cell to keep the modules efficiency reach to 15.9%.
- 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 within.
- 100% EL test to keep higher quality.



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

Warranty

- 25 years power output warranty, 90% power output for 10years, and 80% power output for 25years.
- 5 years workmanship warranty.



IP65 junction box long-term weather endurance.

Quality and safety

- ISO9001:2008 certified supplier, we provide world first class solar products for clients.
- IEC 61215, IEC 61730, IEC, CQC, CGC, CE, approved.



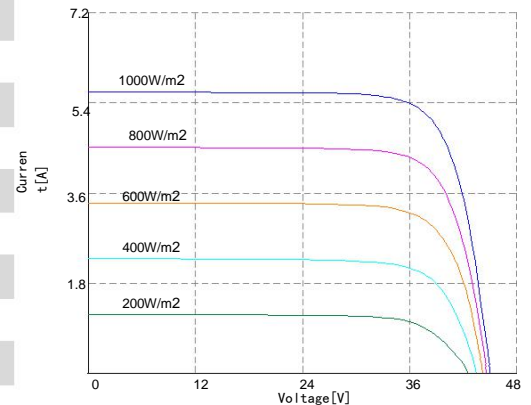


Electrical Characteristics

Model No.	S8-M190	S8-M195	S8-M200
Maximum Power (Pmax)	190W	195W	200W
Max-power Voltage (Vmp)	37.9V	38.1V	38.4V
Max-power Current (Imp)	5.01A	5.12A	5.21A
Open-circuit Voltage (Voc)	45.3V	45.4V	45.5V
Short-circuit Current (Isc)	5.54A	5.58A	5.64A
Module Efficiency	15.1%	15.5%	15.9%
Operating Temperature	-40°C~+85°C		
Maximum System Voltage	1000Vdc		
Maximum Series Fuse Rating	20A		
Power tolerance	0~+5W		

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

I-V Curve



Temperature characteristics

NOCT	46°C±2°C
Temperature Co-efficient of Pmax	-0.43%/°C
Temperature Co-efficient of Voc	-0.35%/°C
Temperature Co-efficient of Isc	-0.05%/°C

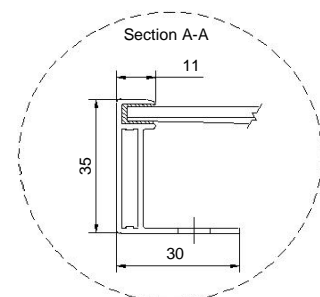
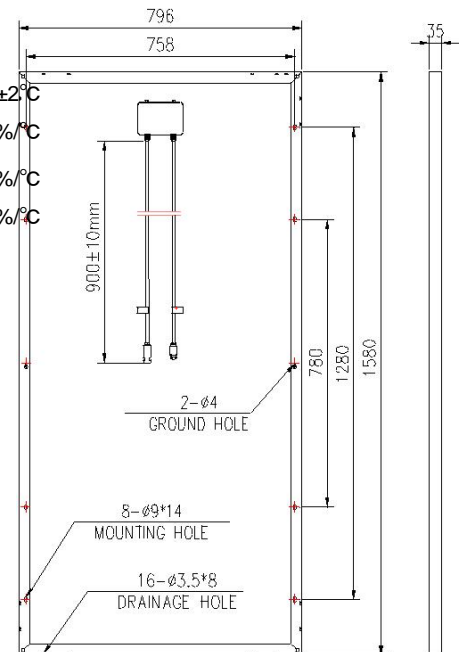
Mechanical characteristics

Model No.	S8-M190/M195/M200
Cell Type	Monocrystalline silicon 156*156mm
Cell Arrangement	72(6*12)
Dimensions	1580*796*35mm
Weight	28Kgs
Front Cover	3.2mm tempered glass
Frame Material	Anodized aluminium alloy
Junction Box	IP65 rated
Output Cables	4mm ² , Length 900mm
Connectors	MC4 comparable

Packing

Packing	20'GP	40'GP
Pieces per Carton	2	2
Carton/Pallet	26	26
Pallet/Container	7	14
Pieces/container	364	728

Dimensions



MONOCRYSTALLINE SOLAR MODULES

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