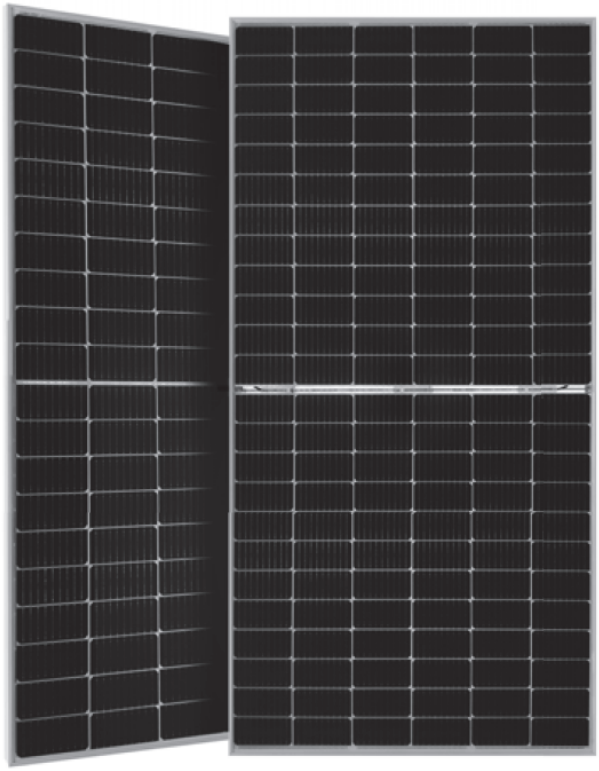


Monocrystalline Bifacial Double Glass Module

Dimensions：2279*1134*35mm
Mono Power：560W

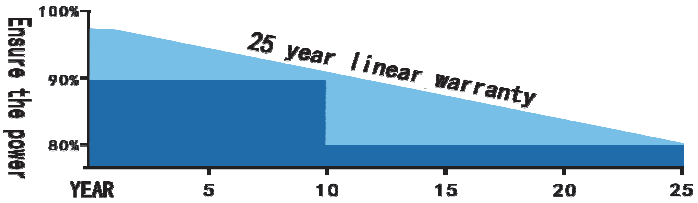
Characteristics

- High efficiency solar cell to keep the modules efficiency reach to 21.67%.
- Lower LID attenuation.
- Excellent performance under weak light conditions.
- Excellent temperature coefficient characteristics.
- Premium materials ensure reliability.
- Extreme environment durability certified by TUV,CE,CB.
- 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 Linear Product Workmanship Warranty.
- 10 years workmanship warranty.



IP68 junction box long-term weather endurance.

Quality and safety

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

ISO 9001 ISO 14001 SGS TÜV SAAR IEC CB CE RoHS

Electrical Characteristics

Model No.	SG560WBG
Maximum Power (Pmax)	560W
Max-power Voltage (Vmp)	42.1V
Max-power Current (Imp)	13.3A
Open-circuit Voltage (Voc)	50.09V
Short-circuit Current (Isc)	14.09A
Module Efficiency	21.67%
Operating Temperature	-40℃~+85℃
Maximum System Voltage	1500Vdc
Maximum Series Fuse Rating	25A
Power Tolerance	±3%

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

Double Side Power Generation Data (Backside Gain)

5%	Pmax	588W
	Module Efficiency	22.75%
15%	Pmax	644W
	Module Efficiency	24.91%
25%	Pmax	700W
	Module Efficiency	27.08%

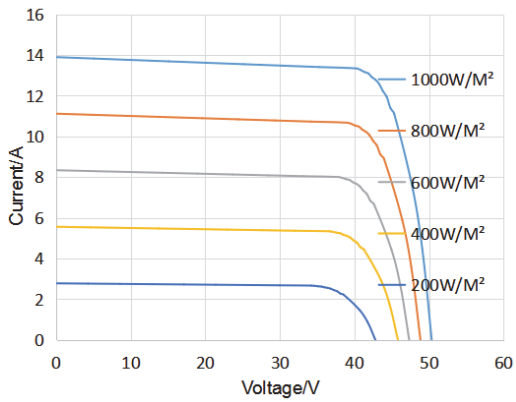
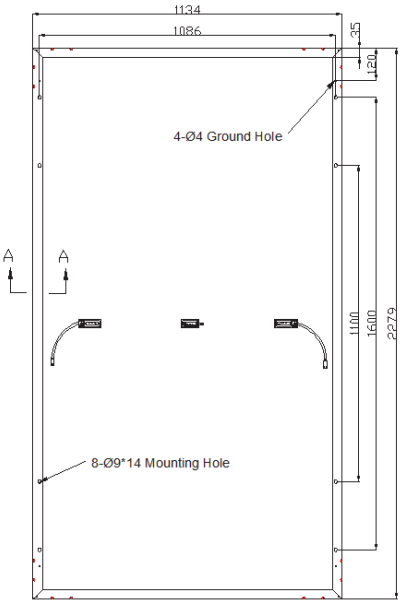
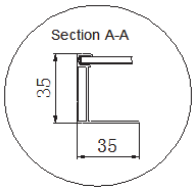
Temperature Characteristics

NMOT	46℃±2℃
Temperature Co-efficient of Pmax	-0.36%/℃
Temperature Co-efficient of Voc	-0.28%/℃
Temperature Co-efficient of Isc	0.048%/℃

Mechanical Characteristics

Mono Power	560W
Cell Type	Mono182*91mm
Cell Arrangement	144(6*24)
Dimensions	89.72*44.65*1.38inch(2279*1134*35mm)
Weight	70.4lbs(31.8kg)
Front Cover	2.0 mm, High Transmission, AR Coated Heat Strengthened Glass
Encapsulant material	EPE / EVA / 2.0 Glass
Back Glass	2.0 mm , Heat Strengthened Glass
Frame Material	Anodized aluminium alloy
Junction Box	IP68 rated
Output Cables	4mm^2,Length： （+）300mm/（-）300mm

I-V Curve



Dimensions