

MSD108-350W

Mono Half-cut single/Double Glass Module

INTRODUCTION

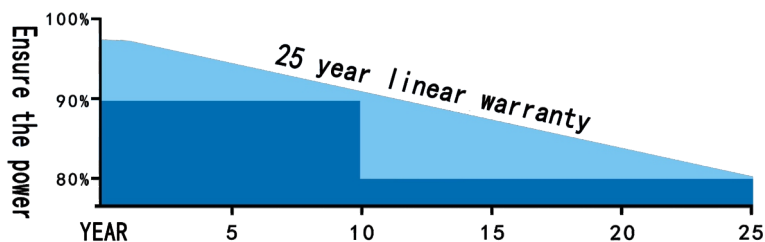
MONO half-cut single glass module, assembled with multi-busbar PERC technique and half-cut structure, offer the advantages of higher power output, reduce shading effect on the energy generation, enhance the mechanical load bearing capacity as well.

CHARACTERISTIC

- High-efficiency solar cells, enabling module efficiency to reach 20.1%.
- The components perform well under extreme test conditions (temperature, load, shock) by the TUV testing and certification agency.
- It adopts special tempered glass for solar energy with high strength and high light transmission performance, high performance packaging materials and standard waterproof junction box.
- Using anti-PID battery technology and advanced packaging technology, the components are suitable for extremely harsh outdoor environments.
- 100% EL testing before and after lamination provides higher quality assurance.

First-class Quality Assurance

- 10-year warranty for material and technology
- 25-year linear power output warranty

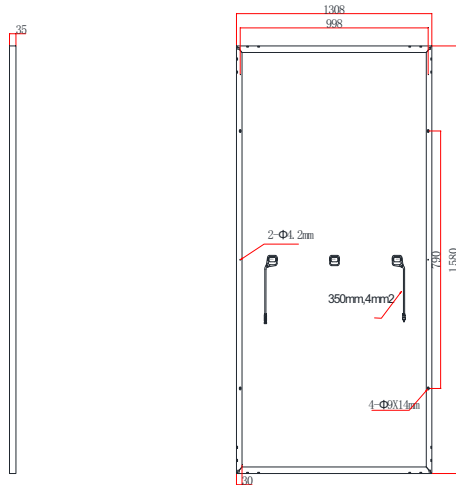


Comprehensive Certificates

- IEC61215, IEC61730
- ISO9001:2015 Quality management systems
- ISO45001: Environmental management systems
- ISO45001:2018 Occupational health and safety management systems



Mechanical Diagrams



PS: Frame color and cable length can be customized

UNIT: mm

Specifications

Cell	Mono
Product power	350W
Weight	17KG
Dimensions	1038*1580*35MM
Solar Cells	108(6*18)
Front glass	Low iron ultra-white tempered glass
Metal frame	Anodized aluminum alloy
Junction Box	IP65 rating
Output cable	4mm², 350mm+MC4 connector

Electrical Parameters at STC

Type	MSD108-350W
Rated Maximum Power (Pmax)[W]	350Wp
Open Circuit Voltage (Voc)[V]	34V
Maximum Power Voltage (Vmp)[V]	30V
Short Circuit Current (Isc)[A]	12.36A
Maximum Power Current (Imp)[A]	11.66A
Power Tolerance	0~+3%
Nominal battery operating temperature	46°C ± 2°C
Peak Power Temperature Coefficient	-0.346%/°C
Open circuit voltage temperature coefficient	-0.300%/°C
Short-circuit current temperature coefficient	0.058%/°C
STC	Irradiance 1000W/m², Cell temperature 25°C, AM1.5

*Standard test conditions: solar irradiance 1000 W/m², solar spectrum 1.5AM and cell temperature 25 C.

I-V Curve

