ZNSHINESOLAR

ZXM7-SHLD108 Series

10BB HALF-CELL Double Glass Monocrystalline PERC PU Composite Framed Painted Glass PV Module

350W
POWER RANGE

17.92%
MAXIMUM EFFICIENCY

PRODUCT SUPERIORITY

Architectural Aesthetics

A variety of color patterns can be selected, and the color is stable and does not fade, which increases the aesthetic performance of PV modules in the building.

Safety and Reliability

Meet the double standards of PV modules and building materials, green environmental protection.

KEY FEATURES

Ultra Low Carbon

CO_2 emissions only 10% of the AL frame.

Better Weak Illumination Response

More power output in weak light condition, such as haze, cloudy, and early morning.

High Insulation

PU composite frame: no grounding, reduce PID risk, improve safety, maintenance free.

Corrosion Resistant

Excellent humidity and heat resistance, anti-salt spray corrosion, suitable for offshore PV stations and other highly corrosive fields.

High Anti PID

PU composite frame, Super Anti-PID performance.

TIER 1

Global,Tier 1 bankable brand,with independently certified advanced automated manufacturing.

High Anti-Glare

PU composite frame, Super Anti-Glare performance.

Natural Black Vision

Solar modules with a PU composite frame have a more uniform appearance and superior aesthetics.

Founded in 1988, ZNShine solar is a world's leading high-tech PV module manufacturer.With the advanced production lines, the company boasts module capacity of 12 GW. Bloomberg has listed ZNShine as a global Tier 1 PV module maker. Today Znshine has distributed its sales to more than 60 countries around the globe.

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PU Composite Framed Painted Glass PV Module

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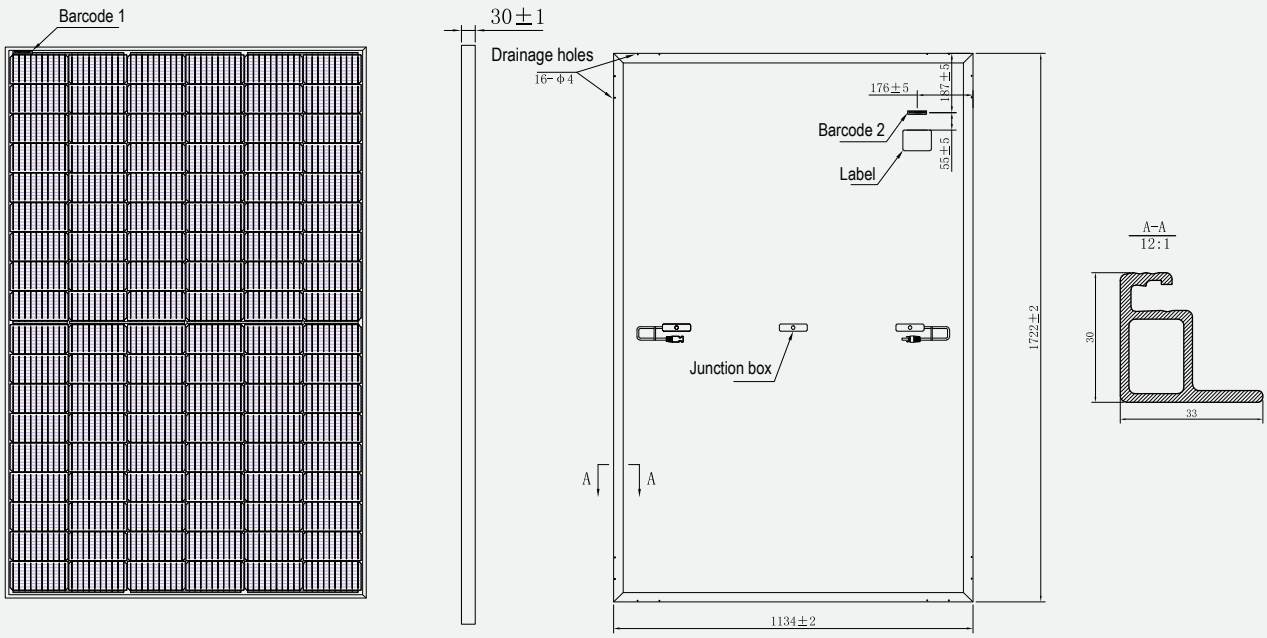
DIMENSIONS OF PV MODULE(mm)



Front View

Back View

*Remark: customized frame color and cable length available upon request

ELECTRICAL CHARACTERISTICS | STC*

Nominal Power Watt Pmax(W)*	350
Maximum Power Voltage Vmp(V)	32.00
Maximum Power Current Imp(A)	10.94
Open Circuit Voltage Voc(V)	37.50
Short Circuit Current Isc(A)	11.64
Module Efficiency (%)	17.92

*The data above is for reference only and the actual data is in accordance with the pratical testing

*STC (Standard Test Condition): Irradiance 1000W/m², Module Temperature 25±2℃, AM 1.5

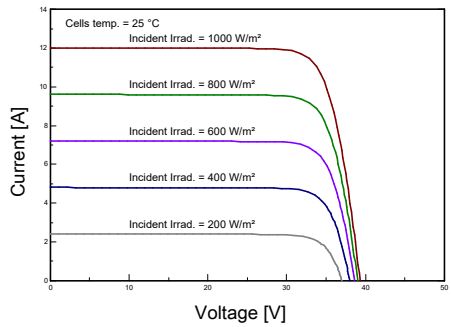
*Measuring uncertainity: ±5%, all the electrical characteristics such as Power, Im, Vm and FF are within ±5% tolerance.

MECHANICAL DATA

Solar cells	Mono PERC
Cells orientation	108（6×18）
Module dimension	1722×1134×30 mm (With Frame)
Weight	25.0±1.0 kg
Glass	2.0 mm+2.0mm, High Transmission, AR Coated Heat Strengthened Glass
Junction box	IP 68，3 diodes
Cables	4 mm² ,350 mm (With Connectors)
Connectors*	MC4-compatible

*Please refer to regional datasheet for specified connector

I-V CURVES OF PV MODULE(350W)



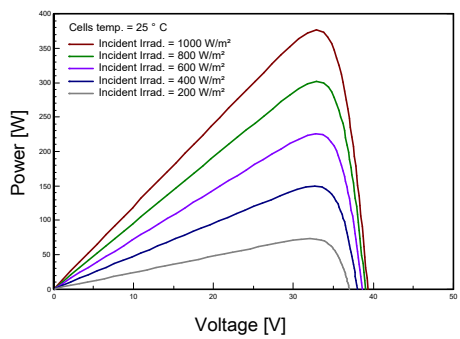
TEMPERATURE RATINGS

NMOT	44℃ ±2℃
Temperature coefficient of Pmax	-0.35%/℃
Temperature coefficient of Voc	-0.29%/℃
Temperature coefficient of Isc	0.05%/℃

WORKING CONDITIONS

Maximum system voltage	1500 V DC
Operating temperature	-40℃~+85℃
Maximum series fuse	25 A
Front Side Maximum Static Loading	Up to 5400 Pa
Rear Side Maximum Static Loading	Up to 2400 Pa

P-V CURVES OF PV MODULE(350W)



*Remark:Do not connect Fuse in Combiner Box with two or more strings in parallel connection
*Remark:Electrical data in this catalog do not refer to a single module and they are not part of the offer.They only serve for comparison among different module types.
*Caution:Please be kindly advised that PV modules should be handled and installed by qualified people who have professional skills and please carefully read the safety and installation instructions before using our PV modules.

PACKAGING CONFIGURATION*

Piece/Box	36
Piece/Container(40'HQ)	936

*Customized packaging is available upon request.

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