

ZXM6-NH120 Series

ZNSHINE Solar 9BB HALF-CELL
Mono PERC PV Module



360W | 365W | 370W | 375W | 380W



Excellent cells efficiency

9BB technology decreases the distance between bus bars and finger grid line which is benefit to power increase.



Better Weak Illumination Response

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



Anti PID

Limited power degradation caused by PID effect is guaranteed under strict testing condition for mass production



High wind and snow resistance

■ 5400 Pa snow load ■ 2400 Pa wind load



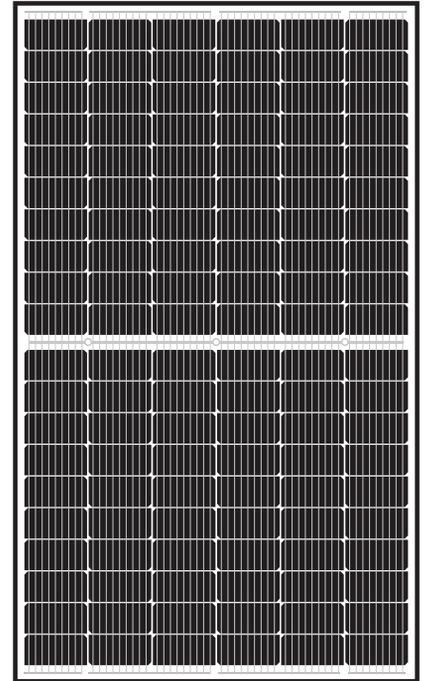
15 years product warranty for rooftop systems

Industry leading warranty for materials and workmanship for your peace of mind

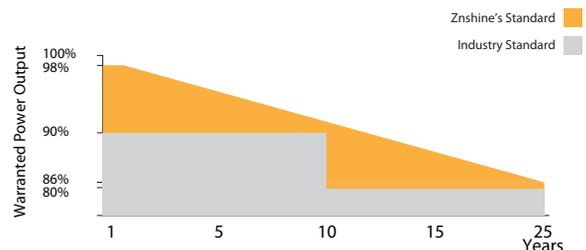


Higher lifetime Power Yield

2.0% first year degradation, 0.5% linear degradation



15 years product warranty for Rooftop PV system
12 years product warranty for general application
25 years output warranty / 0.5% Annual Degradation over 25 years



Founded in 1988, ZNShine solar is a world's leading high-tech PV module manufacturer. With the state-of-the-art production lines, the company boasts module capacity of 6GW. 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.

ELECTRICAL CHARACTERISTICS | STC*

Nominal Power Watt Pmax(W)*	360	365	370	375	380
Power Output Tolerance Pmax(%)	360±3%	365±3%	370±3%	375±3%	380±3%
Maximum Power Voltage Vmp(V)	33.80	34.00	34.20	34.40	34.60
Maximum Power Current Imp(A)	10.66	10.74	10.82	10.91	10.99
Open Circuit Voltage Voc(V)	40.60±3%	40.80±3%	41.00±3%	41.20±3%	41.40±3%
Short Circuit Current Isc(A)	11.24±3%	11.33±3%	11.42±3%	11.51±3%	11.60±3%
Module Efficiency (%)	19.76	20.04	20.31	20.59	20.86

*STC (Standard Test Condition): Irradiance 1000W/m², Module Temperature 25°C, AM 1.5
 *Measuring tolerance: ±3%

ELECTRICAL CHARACTERISTICS | NOCT*

Maximum Power Pmax(Wp)	268.50	272.10	275.80	279.80	283.50
Maximum Power Voltage Vmpp(V)	31.40	31.60	31.70	31.90	32.10
Maximum Power Current Imp(A)	8.55	8.62	8.69	8.76	8.83
Open Circuit Voltage Voc(V)	37.90	38.00	38.20	38.40	38.60
Short Circuit Current Isc(A)	9.08	9.15	9.22	9.29	9.37

*NOCT(Nominal Operating Cell Temperature):Irradiance 800W/m², Ambient Temperature 20°C, AM 1.5, Wind Speed 1m/s

MECHANICAL DATA

Solar cells	Mono PERC
Cells orientation	120 (6×20)
Module dimension	1755×1038×30 mm(With Frame)
Weight	20 kg
Glass	3.2mm, High Transmission, AR Coated Tempered Glass
Junction box	IP 68, 3 diodes
Cables	H1Z2Z2-K 1×4,0mm ²
Connectors	PV-JX1203 Taizhou jinxiu Electrical Science & Technology Co., Ltd.

LJQ-3

TEMPERATURE RATINGS

WORKING CONDITIONS

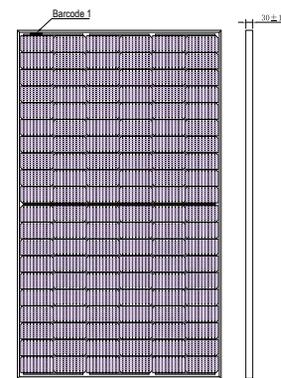
NOCT	44°C ±2°C	Maximum system voltage	1500 V DC
Temperature coefficient of Pmax	-0.36%/°C	Operating temperature	-40°C~+85°C
Temperature coefficient of Voc	-0.29%/°C	Maximum series fuse	20 A
Temperature coefficient of Isc	0.05%/°C	Maximum load front/back	3600/1600 with safety factor 1.5

*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.

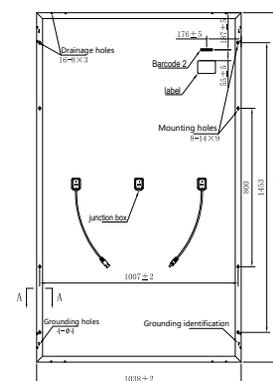
PACKAGING CONFIGURATION

Piece/Box	36
Piece/Container ^(40'HQ)	936
Piece/Container ^(with additional small package)	/

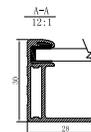
DIMENSIONS(MM)



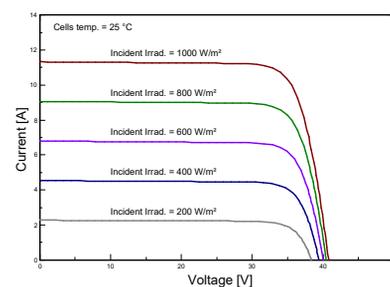
Front View



Back View



I-V CURVES OF PV MODULE(365W)



P-V CURVES OF PV MODULE(365W)

