

ZXM6-NH120 Series

ZNSHINE Solar 9BB HALF-CELL Monocrystalline PERC PV Module



Mono Poly Solutions

350W | 355W | 360W | 365W | 370W

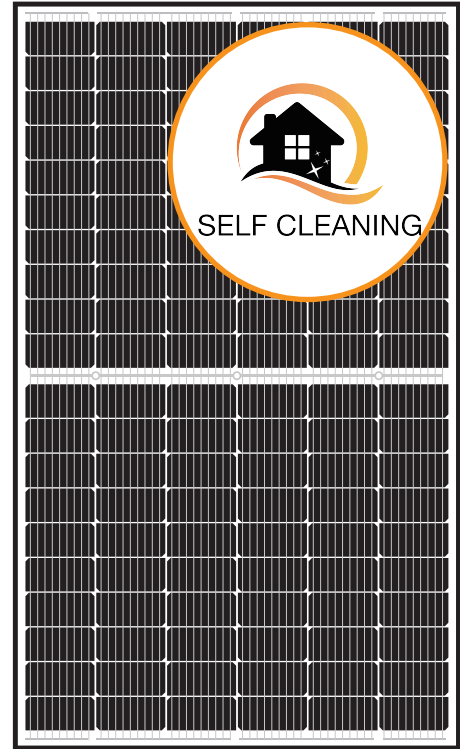
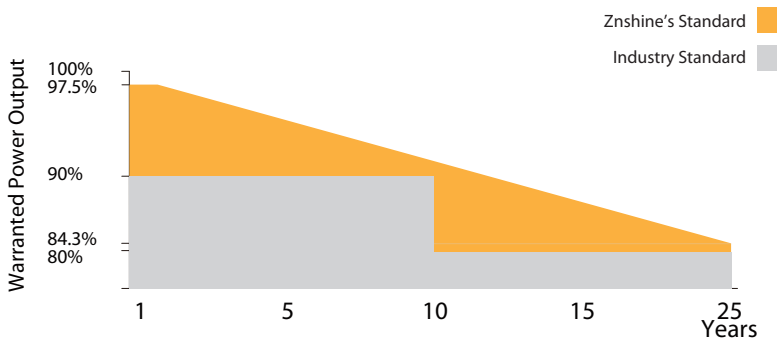
Made with selected materials and components to grant quality, duration, efficiency and through outputs, the ZXM6-NH120 Monocrystalline modules by ZNSHINE SOLAR(power output 350 up to 370Wp, represent a highly flexible solution for diverse installation types, from industrial rooftop plants to small home PV systems or large ground surfaces. This allows you to produce clean energy while reducing your energy bill.

ZNSHINE SOLAR' S ZXM6-NH120 Monocrystalline solar modules are tested and approved by international acknowledged laboratories, so that we can offer our customers a reliable and price-quality optimized product. The linear warranty on product outputs further ensures increased security and return on investments over time.

12 years product warranty for general application

15 years product warranty for Rooftop PV system

25 years output warranty / 0.55% Annual Degradation over 25 years



<p>Tier 1 & Bankable BNEF Tier 1 Manufacturer and Global Bankable modules</p>	<p>Self Cleaning Panel Hydrophilicity of graphene-coating makes raindrops effectively penetrate and wash away most organic and inorganic contaminants sitting on front glass</p>
<p>Industry-leading Warranty 15 years product warranty for rooftop mounted PV system</p>	<p>More Power Output Cleaner panels, with Enhanced light transmittance, generate more electricity than a standard panel</p>
<p>Certified to withstand the most challenging environmental conditions 3600 Pa snow load(with safety factor 1.5) 2400 Pa wind load(with safety factor 1.5)</p>	<p>Anti PID Minimum power degradation caused by PID effect is guaranteed</p>



ELECTRICAL PROPERTIES | STC*

Module Type	ZXM6-NH120-350/M	ZXM6-NH120-355/M	ZXM6-NH120-360/M	ZXM6-NH120-365/M	ZXM6-NH120-370/M
Nominal Power Watt Pmax(W)	350	355	360	365	370
Power Output Tolerance Pmax(%)	350±3%	355±3%	360±3%	365±3%	370±3%
Maximum Power Voltage Vmp(V)	33.4	33.6	33.8	34.0	34.2
Maximum Power Current Imp(A)	10.48	10.57	10.66	10.74	10.82
Open Circuit Voltage Voc(V)	40.2±3%	40.4±3%	40.6±3%	40.8±3%	41.0±3%
Short Circuit Current Isc(A)	11.04±3%	11.14±3%	11.24±3%	11.33±3%	11.42±3%
Module Efficiency (%)	19.21	19.49	19.76	20.04	20.31

*STC (Standard Test Condition): Irradiance 1000W/m², Module Temperature 25°C, AM 1.5
*The data above is for reference only and the actual data is in accordance with the practical testing

ELECTRICAL PROPERTIES | NOCT*

Maximum Power Pmax(Wp)	256.1	259.8	263.5	267.1	270.6
Maximum Power Voltage Vmpp(V)	30.9	31.1	31.3	31.4	31.6
Maximum Power Current Imp(A)	8.28	8.36	8.43	8.50	8.57
Open Circuit Voltage Voc(V)	37.2	37.4	37.6	37.8	38.0
Short Circuit Current Isc(A)	8.92	9.00	9.08	9.15	9.22

*NOCT(Nominal Operating Cell Temperature):Irradiance 800W/m², Ambient Temperature 20°C,AM 1.5,Wind Speed 1m/s
*The data above is for reference only and the actual data is in accordance with the practical testing

TEMPERATURE RATINGS

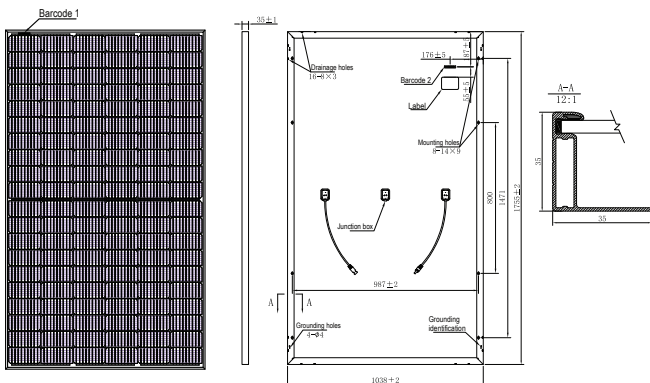
NOCT	44°C ±3°C
Temperature coefficient of Pmax	-0.36%/°C
Temperature coefficient of Voc	-0.29%/°C
Temperature coefficient of Isc	0.05%/°C

*Do not connect Fuse in Combiner Box with two or more strings in parallel connection

WORKING CONDITIONS

Maximum system voltage	1500 V DC
Operating temperature	-40°C~+85°C
Maximum series fuse	20 A
Maximum load front/back	3600/1600 with safety factor 1.5

DIMENSION OF THE PV MODULE (mm)



MECHANICAL DATA

Solar cells	Mono 166×83mm
Cells orientation	120 (6×20)
Module dimension	1755×1038×35 mm
Weight	20.5 kg
Glass	High transparency,low iron,tempered Glass 3.2 mm (AR-coating)
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

PACKAGING INFORMATION

Packing Type	40' HQ
Piece/Box	30
Piece/Container	780

I-V CURVES OF THE PV MODULE

