

ZXM6-NH120 Series

Znshinesolar 9BB **HALF-CELL Black**
Mono PERC PV Module



120

Mono Poly Solutions

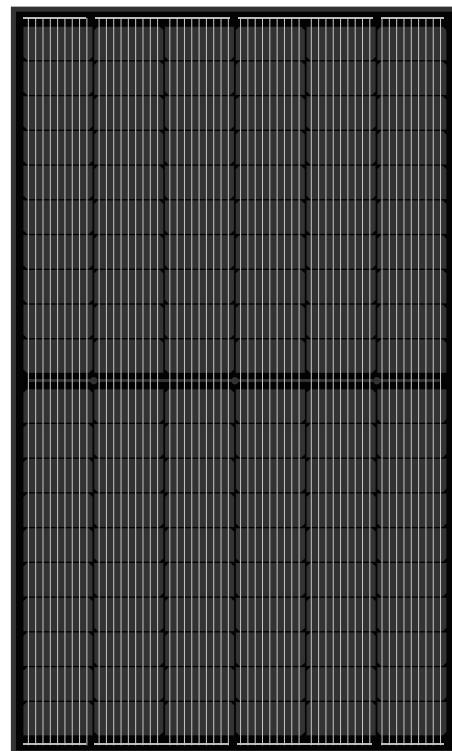
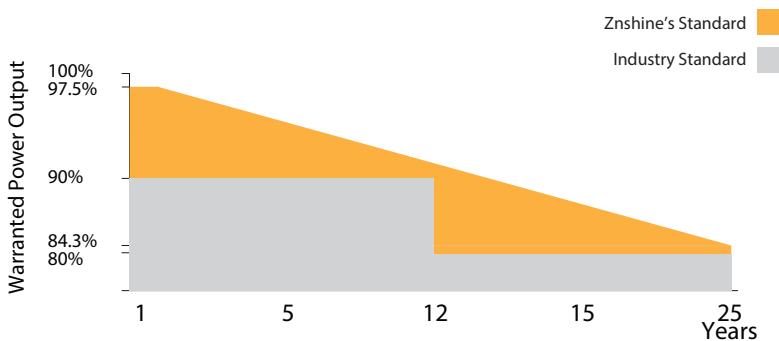
350W | 355W | 360W | 365W | 370W

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/25 years output warranty

0.55% Annual Degradation over 25 years



9 Busbar Solar Cell



No power loss thanks to improved temperature co-efficient caused by 9 busbar solar cell

High Efficiency



Graphene coating can increase about 2W of the module efficiency by rising around 0.5% of the light transmission

Anti PID



Limited power degradation of ZXM6-NH120 module caused by PID effect is guaranteed under strict testing condition for mass production

Better Weak Illumination Response



Lower temperature coefficient and wide spectral response, higher power output, even under low-light settings

Certified to withstand the most challenging environmental conditions



5400 Pa snow load
2400 Pa wind load

Graphene Coating



Graphene coating modules can increase power generation and self-cleaning, also can save maintenance cost



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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(%)	0~+3	0~+3	0~+3	0~+3	0~+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	40.4	40.6	40.8	41.0
Short Circuit Current Isc(A)	11.04	11.14	11.24	11.33	11.42
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 | NMOT*

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 Impp(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

*NMOT(Nominal module operating 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

NMOT	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(snow/wind)	5400 Pa / 2400 Pa

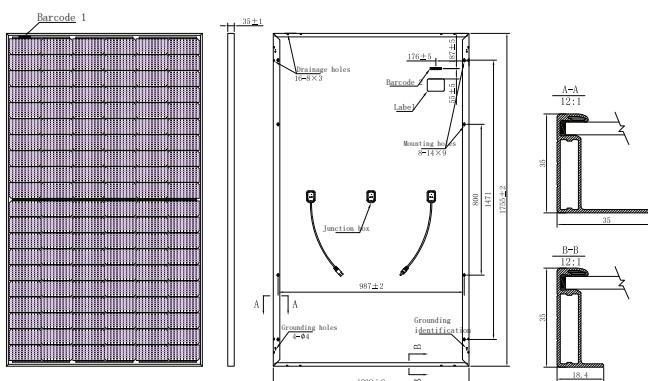
MECHANICAL DATA

Solar cells	Mono PERC 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	4 mm ² ,350 mm
Connectors	MC4-compatible

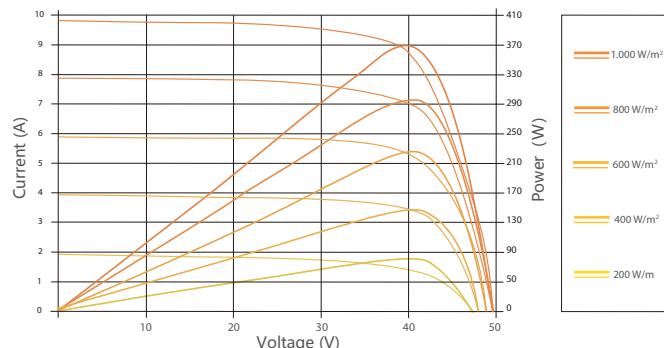
PACKAGING INFORMATION

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

DIMENSION OF THE PV MODULE (mm)



I-V CURVES OF THE PV MODULE



Remark: please read safety and installation instructions before using the product | Subject to change without prior notice © ZNSHINE SOLAR 2020 | Version: ZXM6-NH120-2006.E