

ZXM6-72 Series

Znshinesolar **5BB** Monocrystalline PV Module



72

Mono Poly Solutions

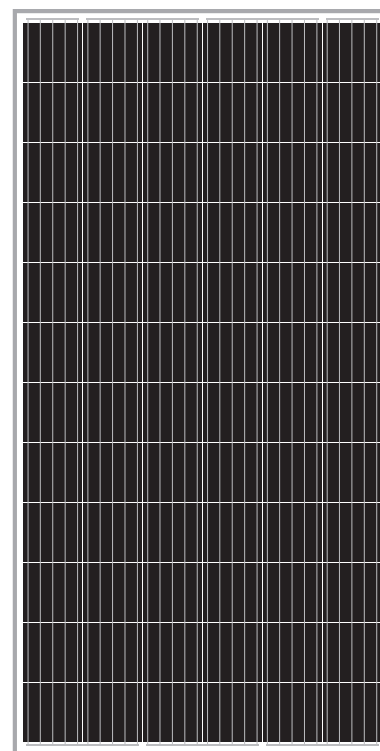
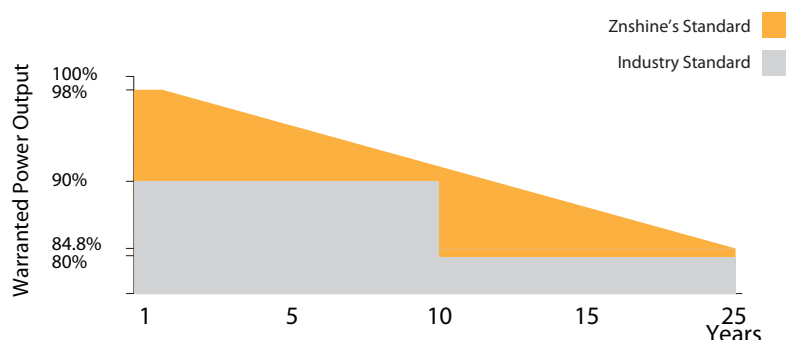
375W | 380W | 385W | 390W | 395W | 400W

Made with selected materials and components to ensure quality, longevity, efficiency and stable outputs, the ZXM6-72 monocrystalline modules by ZNSHINE SOLAR represents a highly flexible solution for diverse installation types, from small home PV systems to industrial rooftop plants to large utility arrays.

ZNSHINE SOLAR' S ZXM6-72 monocrystalline solar modules are tested and approved by internationally recognized laboratories so that we can offer our global customers a reliable and price-quality optimized product. The linear warranty on the product output further secures increased stability and financial returns on investments over time.

12 years product warranty/25 years output warranty

0.55% Annual Degradation over 25 years



Tier 1 & Bankable

Well known trade mark in China, Europe & America;
Tier 1 bankable brand globally



High Efficiency

A high efficiency PERC solar cell with 5 busbars technology to ensure the efficiency of the solar module up to 20.12% and stable operation



Anti PID

Limited power degradation of ZXM6-72 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



Customization——Graphene Coating(Optional*)

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



Znshine PV-Tech Co., LTD, founded in 1988, is a world-leading high-performance PV module manufacturer, PV power station developer, EPC and power station operator. With its state-of-the-art production lines, the company boasts module output of 5GW. Bloomberg has listed Znshine as a global Tier 1 PV manufacturer and Top 4 reliable PV supplier.

ELECTRICAL PROPERTIES | STC*

Module Type	ZXM6-72-375/M	ZXM6-72-380/M	ZXM6-72-385/M	ZXM6-72-390/M	ZXM6-72-395/M	ZXM6-72-400/M
Nominal Power Watt Pmax(W)	375	380	385	390	395	400
Power Output Tolerance Pmax(%)	0~+3	0~+3	0~+3	0~+3	0~+3	0~+3
Maximum Power Voltage Vmp(V)	39.7	39.9	40.1	40.3	40.5	40.7
Maximum Power Current Imp(A)	9.45	9.53	9.61	9.68	9.76	9.84
Open Circuit Voltage Voc(V)	48.4	48.6	48.8	49.0	49.2	49.4
Short Circuit Current Isc(A)	9.98	10.03	10.09	10.16	10.22	10.28
Module Efficiency (%)	18.86	19.11	19.37	19.62	19.87	20.12

*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/NMOT*

Maximum Power Pmax(Wp)	277.8	281.1	284.8	288.3	292.1	295.9
Maximum Power Voltage Vmpp(V)	36.6	36.9	37.1	37.3	37.5	37.7
Maximum Power Current Impp(A)	7.59	7.62	7.67	7.72	7.78	7.84
Open Circuit Voltage Voc(V)	44.8	44.9	45.1	45.3	45.5	45.7
Short Circuit Current Isc(A)	8.06	8.10	8.15	8.21	8.26	8.31

*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	45°C ±2°C
Temperature coefficient of Pmax	-0.39%/°C
Temperature coefficient of Voc	-0.29%/°C
Temperature coefficient of Isc	0.05%/°C

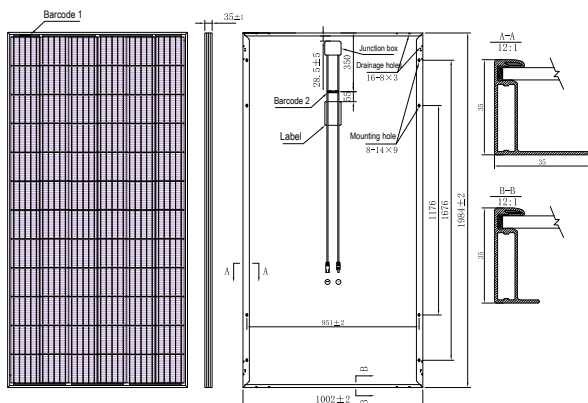
MECHANICAL DATA

Solar cells	Mono 158.75×158.75 mm
No. of Cells	72 (6×12)
Module dimension	1984×1002×35 mm
Weight	22 kg
Glass	High transparency,low iron,tempered
	Glass 3.2 mm (AR-coating)
Junction box	IP 68, 3 diodes
Cables	4 mm ² ,1100 mm or Customized Length
Connectors	MC4-compatible or Customized Connectors

WORKING CONDITIONS

Maximum system voltage	1000 / 1500 V DC
Operating temperature	-40°C~+85°C
Maximum series fuse	20 A
Maximum load(snow/wind)	5400 Pa / 2400 Pa

DIMENSION OF THE PV MODULE (mm)



PACKAGING INFORMATION

Packing Type	40' HQ
Piece/Box	31
Piece/Container	682 / 737

I-V CURVES OF THE PV MODULE

