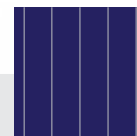


ZXP6-72 Series

Znshinesolar 5BB Polycrystalline PV Module



Mono Poly Solutions

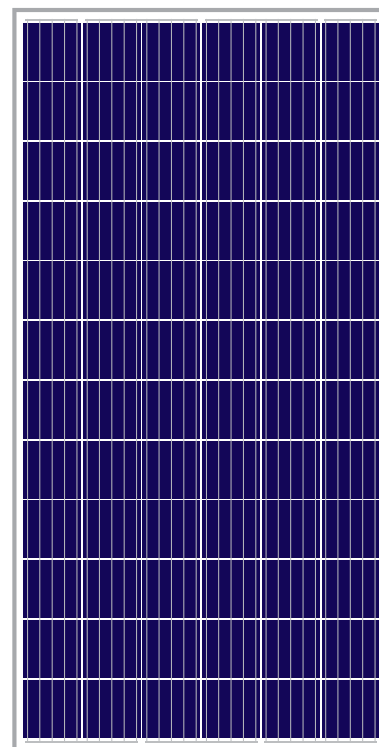
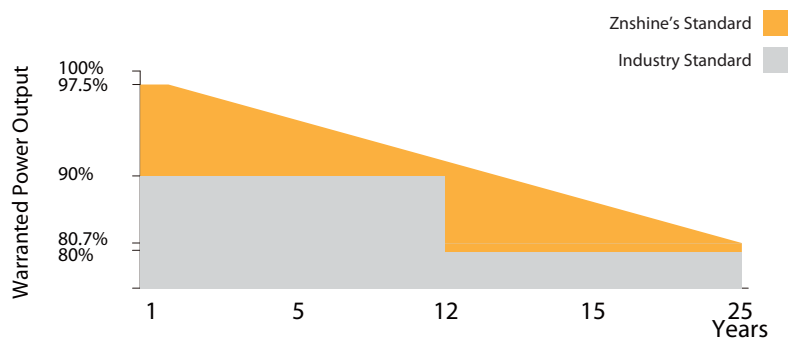
325W | 330W | 335W | 340W | 345W | 350W

Made with selected materials and components to grant quality, duration, efficiency and through outputs, the ZXP6-72 polycrystalline modules by ZNSHINE SOLAR 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 ZXP6-72 polycrystalline 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

0.7% Annual Degradation over 25 years



5 Busbar Solar Cell

No power loss thanks to improved temperature co-efficient caused by 5 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 ZXP6-72 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



Graphene Coating

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



ELECTRICAL PROPERTIES | STC*

| Module Type | ZXP6 72-325/P | ZXP6 72-330/P | ZXP6 72-335/P | ZXP6 72-340/P | ZXP6 72-345/P | ZXP6 72-350/P |
|--------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Nominal Power Watt Pmax(W) | 325 | 330 | 335 | 340 | 345 | 350 |
| Power Output Tolerance Pmax(%) | 0~+3 | 0~+3 | 0~+3 | 0~+3 | 0~+3 | 0~+3 |
| Maximum Power Voltage Vmp(V) | 37.3 | 37.5 | 37.7 | 37.9 | 38.1 | 38.3 |
| Maximum Power Current Imp(A) | 8.72 | 8.80 | 8.89 | 8.98 | 9.06 | 9.14 |
| Open Circuit Voltage Voc(V) | 46.6 | 46.8 | 47.0 | 47.2 | 47.4 | 47.6 |
| Short Circuit Current Isc(A) | 9.12 | 9.16 | 9.22 | 9.28 | 9.34 | 9.42 |
| Module Efficiency (%) | 16.72 | 16.97 | 17.23 | 17.49 | 17.74 | 18.00 |

*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) | 240.4 | 244.2 | 248.3 | 253.0 | 256.9 | 259.6 |
| Maximum Power Voltage Vmpp(V) | 34.8 | 35.2 | 35.4 | 35.8 | 36.1 | 36.1 |
| Maximum Power Current Impp(A) | 6.90 | 6.93 | 7.02 | 7.06 | 7.11 | 7.20 |
| Open Circuit Voltage Voc(V) | 42.9 | 43.1 | 43.3 | 43.4 | 43.6 | 43.8 |
| Short Circuit Current Isc(A) | 7.38 | 7.42 | 7.46 | 7.51 | 7.56 | 7.63 |

*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 | -0.40%/°C |
| Temperature coefficient of Voc | -0.31%/°C |
| Temperature coefficient of Isc | 0.06%/°C |

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

WORKING CONDITIONS

| | |
|-------------------------|-------------------|
| Maximum system voltage | 1000 / 1500 V DC |
| Operating temperature | -40°C~+85°C |
| Maximum series fuse | 15 A |
| Maximum load(snow/wind) | 5400 Pa / 2400 Pa |

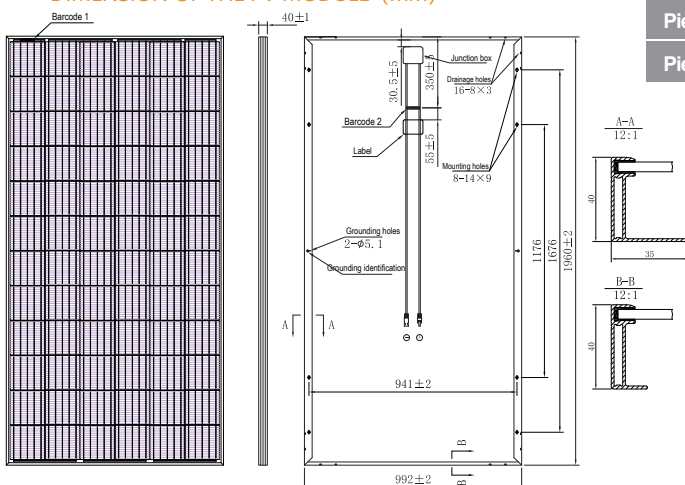
MECHANICAL DATA

| | |
|-------------------|---|
| Solar cells | Poly 156.75×156.75 mm |
| Cells orientation | 72 (6×12) |
| Module dimension | 1960×992×40 mm |
| Weight | 22.5 kg |
| Glass | High transparency,low iron,tempered Glass 3.2mm (AR-coating) |
| Junction box | IP 68, 3 diodes |
| Cables | 4 mm ² , 1100 mm |
| Connectors | MC4-compatible |

PACKAGING INFORMATION

| | |
|-----------------|--------|
| Packing Type | 40' HQ |
| Piece/Box | 27 |
| Piece/Container | 648 |

DIMENSION OF THE PV MODULE (mm)



I-V CURVES OF THE PV MODULE

