# ZXP6-72 Series

## Znshinesolar 5BB Polycrystalline PV Module

ZNSHINESOLAR

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

### Excellent cells efficiency

5 busbar solar cell adopts new technology to improve the efficiency of modules , offers a better aesthetic appearance, making it perfect for rooftop installation.

### Better Weak Illumination Response

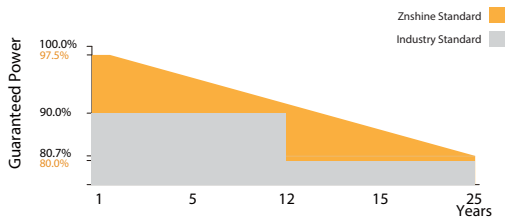
More power output in weak light condition, such as haze, cloudy, and morning

### 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




### 25 years power warranty

After 25 years our solar panel keeps at least 80% of its initial power output

12 years product warranty
25 years output warranty

0.7% Annual Degradation
over 25 years

### Higher lifetime Power Yield

2.5% first year degradation,0.7% linear degradation

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.

# ZXP6-72 Series | Znshinesolar 5BB Polycrystalline PV Module

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## ELECTRICAL CHARACTERISTICS | STC*

| | | | | | | |
|---|---|---|---|---|---|---|
| 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) | 37.30 | 37.50 | 37.70 | 37.90 | 38.10 | 38.30 |
| Maximum Power Current Imp(A) | 8.72 | 8.80 | 8.89 | 8.98 | 9.06 | 9.14 |
| Open Circuit Voltage Voc(V) | 46.60 | 46.80 | 47.00 | 47.20 | 47.40 | 47.60 |
| 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℃, AM 1.5
*Measuring tolerance: ±3%

## ELECTRICAL CHARACTERISTICS | NMOT*

| | | | | | | |
|---|---|---|---|---|---|---|
| Maximum Power Pmax(Wp) | 240.40 | 244.20 | 248.30 | 252.50 | 256.30 | 260.00 |
| Maximum Power Voltage Vmpp(V) | 34.90 | 35.20 | 35.50 | 35.70 | 36.00 | 36.20 |
| Maximum Power Current Impp(A) | 6.88 | 6.94 | 7.00 | 7.07 | 7.12 | 7.19 |
| Open Circuit Voltage Voc(V) | 43.00 | 43.10 | 43.30 | 43.50 | 43.70 | 43.80 |
| 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℃,AM 1.5,Wind Speed 1m/s

## MECHANICAL DATA

| | |
|---|---|
| Solar cells | Poly |
| Cells orientation | 72（6×12） |
| Module dimension | 1960×992×35 mm(With Frame) |
| Weight | 21.5 kg |
| Glass | 3.2mm, High Transmission, AR Coated Tempered Glass |
| Junction box | IP 68，3 diodes |
| Cables | 4 mm² ,1100 mm |
| Connectors | MC4-compatible |

## TEMPERATURE RATINGS

| | |
|---|---|
| NMOT | 45℃ ±2℃ |
| Temperature coefficient of Pmax | -0.40%/℃ |
| Temperature coefficient of Voc | -0.31%/℃ |
| Temperature coefficient of Isc | 0.06%/℃ |

## WORKING CONDITIONS

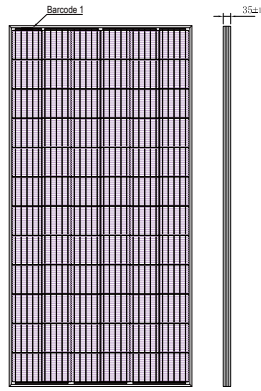
| | |
|---|---|
| Maximum system voltage | 1500 V DC |
| Operating temperature | -40℃~+85℃ |
| Maximum series fuse | 15 A |
| Maximum load(snow/wind) | 5400 Pa / 2400 Pa |

*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.

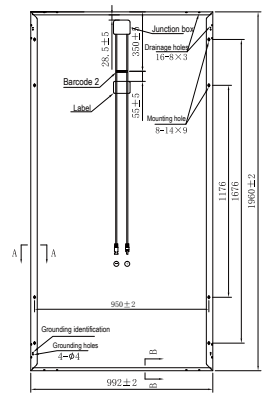
## PACKAGING CONFIGURATION

| | |
|---|---|
| Piece/Box | 30 |
| Piece/Container(40'HQ) | 720 |
| Piece/Container(with additional small package) | / |

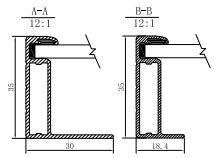
## DIMENSIONS(MM)



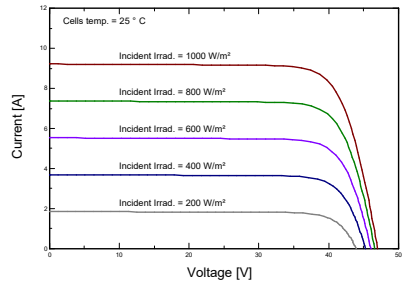

Front View



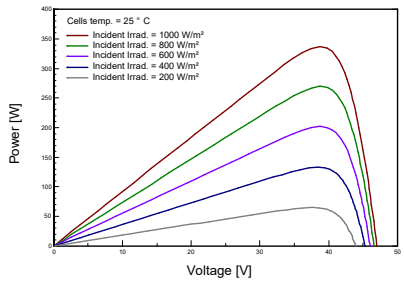

Back View




## I-V CURVES OF PV MODULE(335W)




## P-V CURVES OF PV MODULE(335W)

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