

**For a Free Quote:**

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# EnergyPal

## **Solar Panel Guide Specification Data Sheet**

**Znshine PV-tech Co., Ltd.**

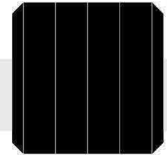
**ZXM6-LD72**

**ZXM6-LD72-355/M**

Also available on the web at  
[EnergyPal.com/znshine-pv-tech-co-ltd-solar-panels/zxm6-ld72-355-m](http://EnergyPal.com/znshine-pv-tech-co-ltd-solar-panels/zxm6-ld72-355-m)

# ZXM6-LD72 Series

Znshinesolar 5BB **Light-Weight** Double Glass Mono PV Module



72

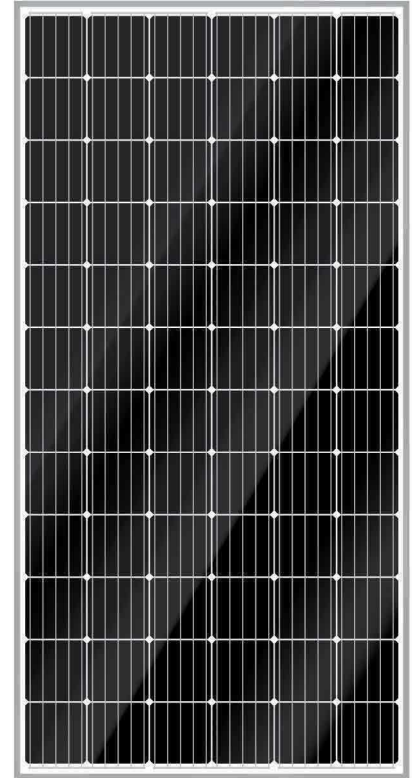
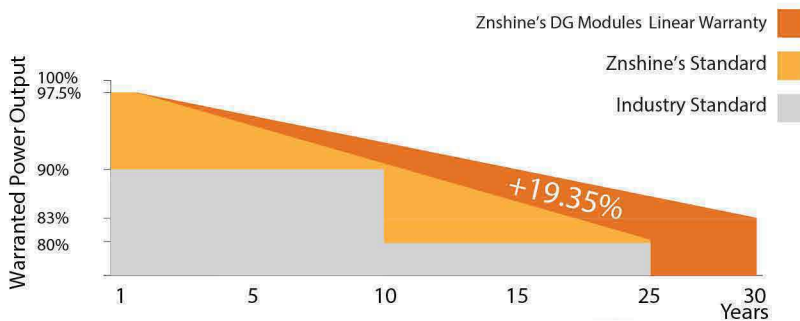
**Mono** Poly Solutions

**350W | 355W | 360W | 365W | 370W | 375W**

Made with selected materials and components to grant quality, duration, efficiency and through outputs, the ZXM6-LD72 double glass modules by ZNSHINE SOLAR feature have both decorative and shading functions. They represent the perfect choice for BIPV and BAPV construction applications. This allows you to produce clean energy whilst reducing your energy bill.

ZNSHINE SOLAR'S ZXM6-LD72 double glass solar modules are tested and approved by international acknowledged laboratories, so that we can offer our customers a reliable and price-quality optimized product.

**12 years product warranty for general double glass modules**  
**15 years product warranty only for Residential Rooftop PV system**  
**30 years output warranty/0.5% Annual Degradation over 30 years**



### Innovative Solar Cells

In comparison with common double glass modules, our modules are extremely robust and superior air tightness



### Easy to install

The module is very light in weight so the installation is easier and transport costs are lower



### 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)



### Better Weak Illumination Response

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



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 10 reliable PV supplier.

[www.znshinesolar.com](http://www.znshinesolar.com)

# ZXM6-LD72 Series

Znshinesolar 5BB Light-Weight Double Glass Mono PV Module



## ELECTRICAL PROPERTIES | STC\*

| Module Type                    | ZXM6-LD72<br>-350/M | ZXM6-LD72<br>-355/M | ZXM6-LD72<br>-360/M | ZXM6-LD72<br>-365/M | ZXM6-LD72<br>-370/M | ZXM6-LD72<br>-375/M |
|--------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Nominal Power Watt Pmax(W)     | 350                 | 355                 | 360                 | 365                 | 370                 | 375                 |
| Power Output Tolerance Pmax(%) | 350±3%              | 355±3%              | 360±3%              | 365±3%              | 370±3%              | 375±3%              |
| Maximum Power Voltage Vmp(V)   | 38.6                | 38.8                | 39.0                | 39.2                | 39.4                | 39.6                |
| Maximum Power Current Imp(A)   | 9.07                | 9.15                | 9.24                | 9.32                | 9.40                | 9.47                |
| Open Circuit Voltage Voc(V)    | 47.3±3%             | 47.5±3%             | 47.6±3%             | 47.9±3%             | 48.1±3%             | 48.3±3%             |
| Short Circuit Current Isc(A)   | 9.57±3%             | 9.65±3%             | 9.80±3%             | 9.83±3%             | 9.90±3%             | 9.97±3%             |
| Module Efficiency (%)          | 17.84               | 18.09               | 18.35               | 18.60               | 18.86               | 19.11               |

\*STC (Standard Test Condition): Irradiance 1000W/m<sup>2</sup>, 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)        | 258.7 | 262.3 | 265.7 | 269.6 | 273.5 | 277.8 |
| Maximum Power Voltage Vmpp(V) | 35.8  | 35.9  | 35.9  | 36.3  | 36.5  | 36.6  |
| Maximum Power Current Impp(A) | 7.23  | 7.30  | 7.39  | 7.43  | 7.49  | 7.59  |
| Open Circuit Voltage Voc(V)   | 43.8  | 43.9  | 44.0  | 44.3  | 44.5  | 44.7  |
| Short Circuit Current Isc(A)  | 7.73  | 7.80  | 7.92  | 7.94  | 8.00  | 8.06  |

\*NOCT(Nominal Operating Cell Temperature):Irradiance 800W/m<sup>2</sup>, 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

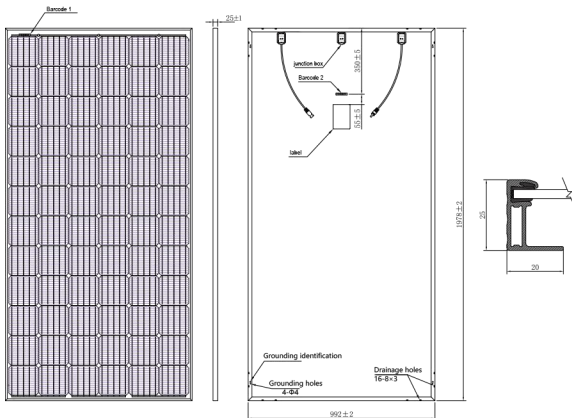
|                                 |           |
|---------------------------------|-----------|
| NOCT                            | 45°C ±2°C |
| Temperature coefficient of Pmax | -0.37%/°C |
| Temperature coefficient of Voc  | -0.29%/°C |
| Temperature coefficient of Isc  | 0.05%/°C  |

\*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     | 15 A   |
| Maximum load front/back | 3600/2400 6clamps<br>1600/1600 4clamps<br>with safety factor 1.5 |

## DIMENSION OF THE PV MODULE ( mm )



## MECHANICAL DATA

|                   |   |
|-------------------|---|
| Solar cells       | Mono 156.75×156.75 mm   |
| Cells orientation | 72 (6×12)   |
| Module dimension  | 1978×992×25 mm(With Frame)  |
| Weight            | 25 kg   |
| Glass             | 2.0mm+2.0mm heat strengthened glass   |
| Junction box      | IP 68 , 3 diodes  |
| Cables            | H1Z2Z2-K 1×4,0mm <sup>2</sup>   |
| Connectors        | PV-HT03 Jiangsu Haitian Microelectronics Technology Co.,Ltd.<br>manufactured in China |

## PACKAGING INFORMATION

|                 |        |
|-----------------|--------|
| Packing Type    | 40' HQ |
| Piece/Box       | 42     |
| Piece/Container | 1008   |

## I-V CURVES OF THE PV MODULE

