

# ZXM6-LD72 Series

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



72

**Mono** Poly Solutions

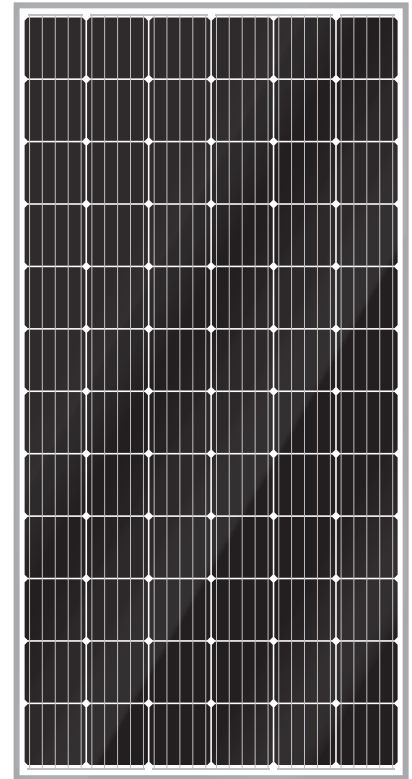
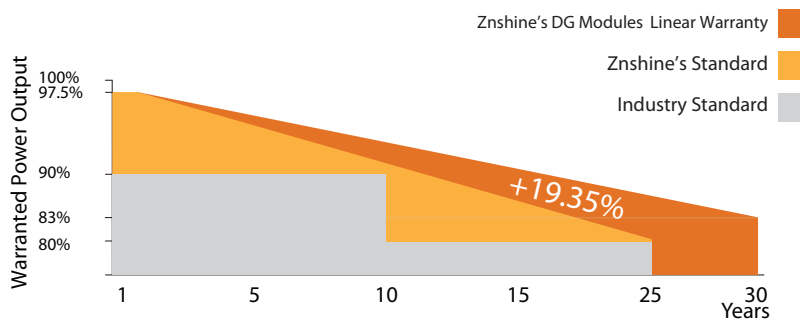
355W | 360W | 365W | 370W | 375W | 380W

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 while 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/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



### 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-LD72 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



### Easy to install

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



### Customerization—Graphene Coating

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



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.

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

## ELECTRICAL PROPERTIES | STC\*

Module Type	ZXM6-LD72 -355/M	ZXM6-LD72 -360/M	ZXM6-LD72 -365/M	ZXM6-LD72 -370/M	ZXM6-LD72 -375/M	ZXM6-LD72 -380/M
Nominal Power Watt Pmax(W)	355	360	365	370	375	380
Power Output Tolerance Pmax(%)	0~+3	0~+3	0~+3	0~+3	0~+3	0~+3
Maximum Power Voltage Vmp(V)	38.8	39.0	39.2	39.4	39.6	39.8
Maximum Power Current Imp(A)	9.15	9.24	9.32	9.40	9.47	9.55
Open Circuit Voltage Voc(V)	47.5	47.6	47.9	48.1	48.3	48.5
Short Circuit Current Isc(A)	9.65	9.80	9.83	9.90	9.97	10.04
Module Efficiency (%)	18.09	18.35	18.60	18.86	19.11	19.37

\*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 | NMOT\*

Maximum Power Pmax(Wp)	262.3	265.7	269.6	273.5	277.8	281.1
Maximum Power Voltage Vmpp(V)	35.9	35.9	36.3	36.5	36.6	36.8
Maximum Power Current Impp(A)	7.30	7.39	7.43	7.49	7.59	7.63
Open Circuit Voltage Voc(V)	43.9	44.0	44.3	44.5	44.7	44.8
Short Circuit Current Isc(A)	7.80	7.92	7.94	8.00	8.06	8.11

\*NMOT(Nominal module operating 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

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

\*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(snow/wind)	5400 Pa / 2400 Pa

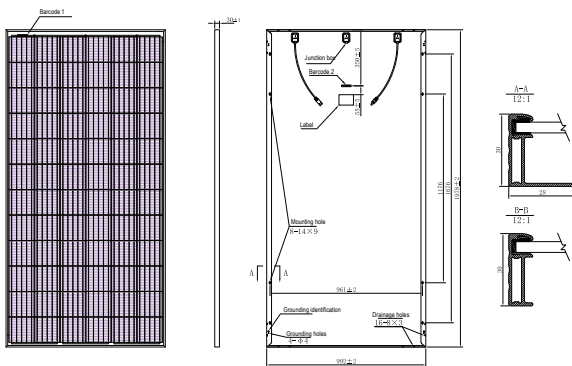
## MECHANICAL DATA

Solar cells	Mono 156.75×156.75 mm
Cells orientation	72 (6×12)
Module dimension	1978×992×30 mm(With Frame)
Weight	25.5 kg
Glass	2.0+2.0 mm heat strengthened glass
Junction box	IP 68, 3 diodes
Cables	4 mm <sup>2</sup> , 350 mm
Connectors	MC4-compatible

## PACKAGING INFORMATION

Packing Type	40' HQ
Piece/Box	36
Piece/Container	864/912

## DIMENSION OF THE PV MODULE (mm)



## I-V CURVES OF THE PV MODULE

