ZXM6-60 **Series**

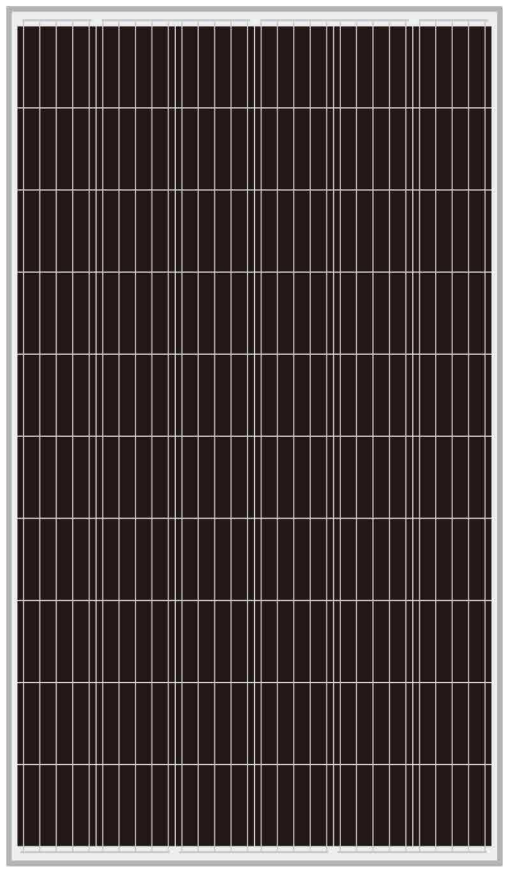
Znshinesolar **5BB** Monocrystalline PV Module

ZNSHINESOLAR

60

Mono Poly Solutions

305W | 310W | 315W | 320W | 325W | 330W



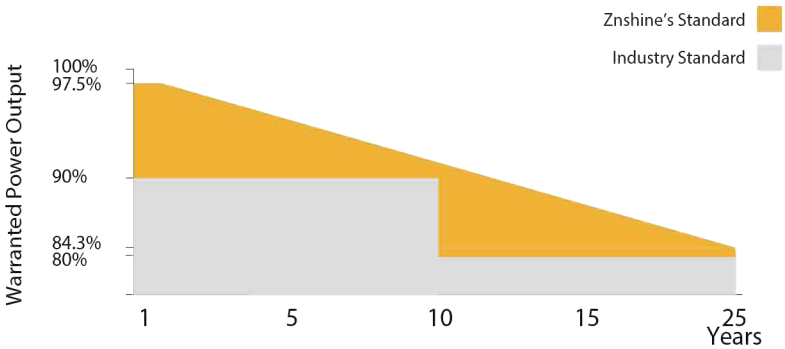
Made with selected materials and components to grant quality, duration, efficiency and through outputs, the ZXM6-60 monocrystalline modules by ZNSHINE SOLAR represent a highly flexible solution for diverse installation types, from industrial rooftop plants to small home PV systems or large ground surfaces. This allows you to produce clean energy while reducing your energy bill.

ZNSHINE SOLAR' S ZXM6-60 monocrystalline 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 for general application

15 years product warranty for Rooftop PV system

25 years output warranty/0.55% linear degradation p.a.



Tier 1 & Bankable

Well known trade mark in China;
Tier 1 bankable brand globally

Easy to install

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

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 4 reliable PV supplier.

ZXM6-60 Series | Znshinesolar 5BB Monocrystalline Module

ZNSHINESOLAR

ELECTRICAL PROPERTIES | STC*

Module Type	ZXM6-60-305/M	ZXM6-60-310/M	ZXM6-60-315/M	ZXM6-60-320/M	ZXM6-60-325/M	ZXM6-60-330/M
Nominal Power Watt Pmax(W)	305	310	315	320	325	330
Power Output Tolerance Pmax(%)	305±3%	310±3%	315±3%	320±3%	325±3%	330±3%
Maximum Power Voltage Vmp(V)	32.7	32.9	33.1	33.3	33.5	33.7
Maximum Power Current Imp(A)	9.33	9.43	9.52	9.61	9.71	9.80
Open Circuit Voltage Voc(V)	39.9±3%	40.1±3%	40.3±3%	40.5±3%	40.7±3%	40.9±3%
Short Circuit Current Isc(A)	9.85±3%	9.95±3%	10.05±3%	10.15±3%	10.25±3%	10.35±3%
Module Efficiency (%)	18.27	18.57	18.87	19.17	19.47	19.77

*STC (Standard Test Condition): Irradiance 1000W/m², Module Temperature 25℃, AM 1.5
*The data above is for reference only and the actual data is in accordance with the pratical testing

ELECTRICAL PROPETIES | NOCT*

Maximum Power Pmax(Wp)	225.6	229.4	233.0	236.6	240.4	244.1
Maximum Power Voltage Vmpp(V)	30.2	30.4	30.6	30.7	30.9	31.1
Maximum Power Current Impp(A)	7.47	7.55	7.62	7.70	7.78	7.86
Open Circuit Voltage Voc(V)	36.9	37.1	37.3	37.5	37.6	37.8
Short Circuit Current Isc(A)	7.96	8.04	8.12	8.20	8.28	8.36

*NOCT:Irradiance 800W/m²,Ambient Temperature 20℃,AM 1.5,Wind Speed 1m/s
*The data above is for reference only and the actual data is in accordance with the pratical testing

TEMPERATURE RATINGS

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

*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℃~+85℃
Maximum series fuse	15 A
Maximum load front/back	3600/1600 for 8 M8 screws
	with safety factor 1.5

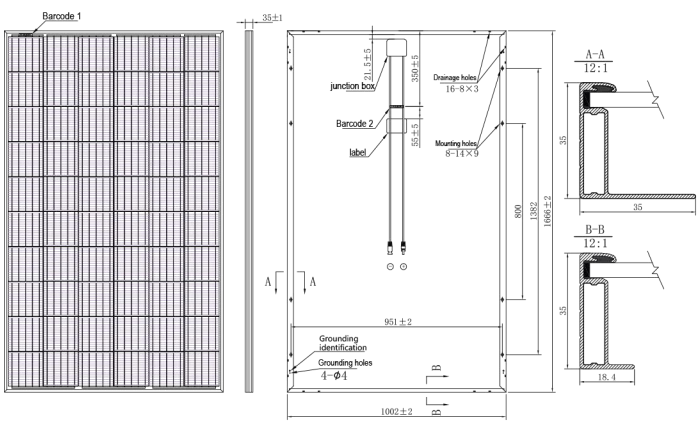
MECHANICAL DATA

Solar cells	Mono 158.75×158.75 mm
Cells orientation	60 (6×10)
Module dimension	1666×1002×35 mm
Weight	19 kg
Glass	High transparency,low iron,tempered
	Glass 3.2 mm (AR-coating)
Junction box	IP 68 , 3 diodes
Cables	H1Z2Z2-K 1×4,0mm²
Connectors	LJQ-1 Taizhou Jinxiu Electrical Science & Technology Co Ltd
	manufactured in China

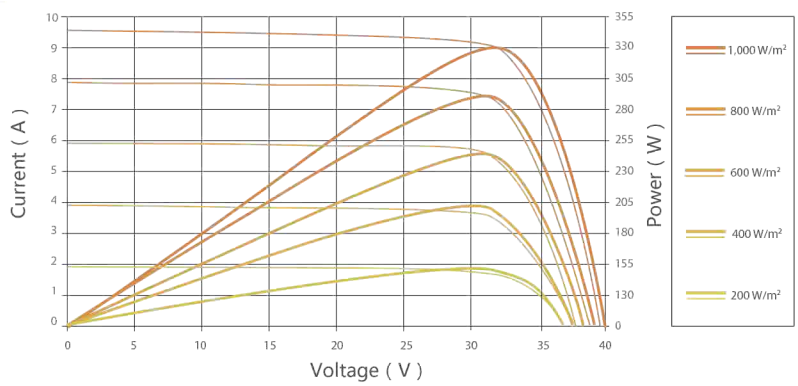
PACKAGING INFORMATION

Packing Type	40' HQ
Piece/Box	30
Piece/Container	840

DIMENSION OF THE PV MODULE (mm)



I-V CURVES OF THE PV MODULE



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