

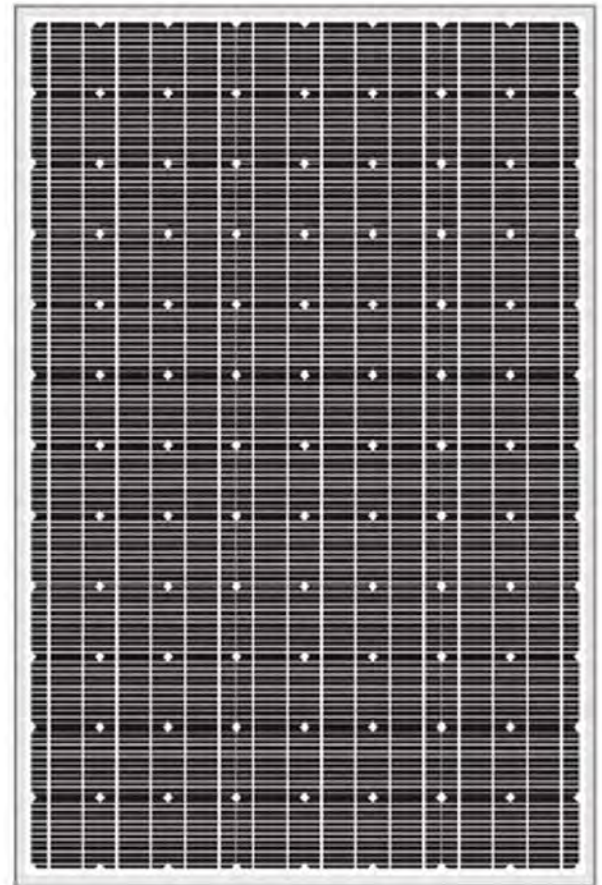


## Znshinesolar Module Characteristics

- ◆ Up to 15.5% excellent module conversion efficiency through superior manufacture technology
- ◆ Up to 2400 pa — withstanding high wind loads  
Up to 5400 pa — snow loads  
Robust anodized aluminium alloy frame ensuring a stable mechanical life. The high-transparency low-iron tempered glass bearing 25mm ice-ball with velocity of 23m/s
- ◆ Anti-aging EVA
- ◆ IP65 rated junction box enhancing thermal isolation
- ◆ Flexible Size meeting clients different requirement for different systems and applications

## Advantages:

- ◆ 25 years limited power output warranty:  
90%-10 years  
80%-25 years
- ◆ Product liability insurance
- ◆ Stock warehouse in Europe
- ◆ Regional technical and sales support
- ◆ Membership in PV CYCLE — Free module recycling



Znshinesolar is a vertically integrated leading manufacturer of solar photovoltaic modules with rigorous quality control from basic materials, producing ingots, wafers, cells & modules, supplying the products with high reliability, guaranteed quality and best services to her clients.







**Electrical Characteristic**

Model	ZX240(48)MS-A/B/C	ZX245(48)MS-A/B/C	ZX250(48)MS-A/B/C	ZX255(49)MS-A/B/C	ZX260(49)MS-A/B/C
Maximum Power at STC(W)	240W	245W	250W	255W	260W
Open Circuit Voltage(Voc/V)	60.63	60.88	60.68	60.46	60.97
Maximum Power Voltage(Vmp/V)	48.5	48.7	48.5	48.9	49.4
Short Circuit Current(Isc/A)	5.35	5.43	5.56	5.56	5.64
Maximum Power Current(Imp/A)	4.95	5.03	5.15	5.21	5.27
Power Tolerance(-/+)	-3% ~ +3%				
Nominal Operating Cell Temperature	47.0±2.0°C				
Current temperature coefficients	0.0241 % /K				
Voltage temperature coefficients	-0.2904 % /K				
Power temperature coefficients	-0.4183 % /K				

\* Values at Standard Test Condition STC (Air Mass AM1.5, Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C)

**MECHANICAL PARAMETERS**

Cell(mm)	Mono 125X125 , φ165
No.of cells	96 ( 8×12 )
Weight ( Kg )	22
Dimensions(LxWxH)(mm)	1575×1082×45
Frame	Anodized aluminium alloy
Juntion Box	IP65
Glass	High transmissivity, Low Iron, Tempered Glass 3.2mm
Cable	Diameter 4mm <sup>2</sup> , Length 900mm
Connector	Compatible Type IV
No.of diodes	4

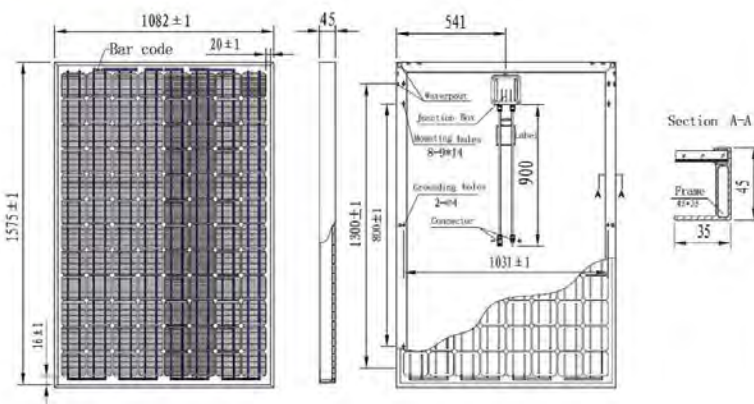
**WORKING CONDITIONS**

Maximum System Voltage	DC 1000V ( TUV )
Operating Temperature	( -40 ~ +85 ) °C
Maximum Series Fuse ( A )	10

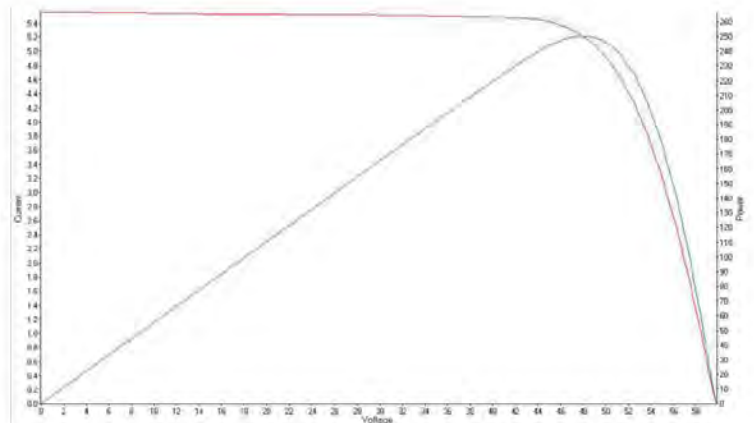
**PACKAGING CONFIGURATION**

Quantity/Pallet	44 pcs/pallet
Quantity/Container	616 pcs/40' HQ

**DIMENSIONS** \* For other designs, please contact our sales department.



**I-V CURVES**



CAUTION: READ SAFETY AND INSTALLATION BEFORE USING THE PRODUCT.

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