

## JNMM72-340~360

High-efficiency mono solar module

### Adopting PERC+ cell technology

#### JNMM72

Leading passivated emitter and rear contact technology in the industry.

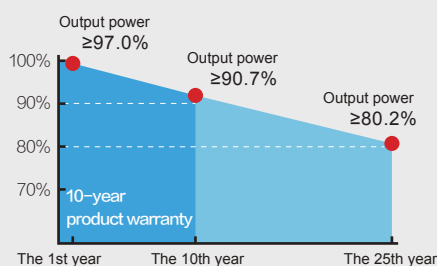
Advanced process to reduce extra degradation of PERC cell.

Higher conversion efficiency to reduce system cost per watt.

#### CERTIFICATION



#### QUALITY ASSURANCE



#### Advanced production process

5 bus-bar design, double printing cell technology  
Average cell efficiency >21.2%



#### Superior quality control

Full automatic production line  
ISO 9001:2008 Quality Management System  
100% three times EL and appearance inspection



#### Excellent power generation performance

0~+5W positive power tolerance  
Improved low light irradiance performance



#### Stable mechanical performance

Passed rigorous hail test  
Withstands 5400 Pa snow and 2400 Pa wind loads



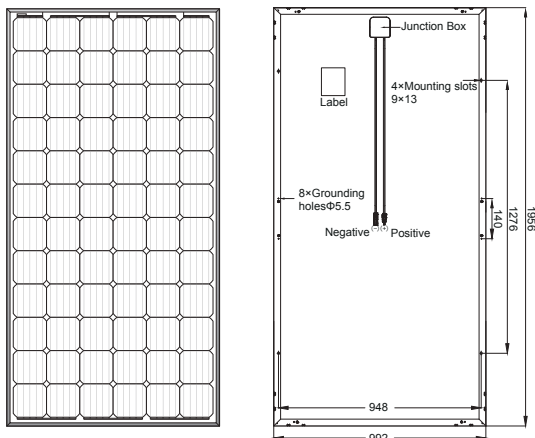
#### Long weather resistance

Excellent anti-PID (Potential Induced Degradation) performance  
Certified in fireproofing for safety



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**MECHANICAL PARAMETERS**

Cell (mm)	156*156 Mono
Dimensions (L*W*H) (mm)	1956*992*35 / 45
Weight (kg)	22.4
Cable Cross Section Size (mm <sup>2</sup> )	4
Cable Length (mm)	800 / 1150
No. of Cells and Connections	72(6*12)
No. of Diodes	3

**QUALIFICATION**

Max.System Voltage (V DC)	1000
Temperature Cycling Range (°C)	-40~+85
Max.Series Fuse Rating (A)	15
Max Reverse Current (A)	15
Max.Wind Load / Max.Snow Load (Pa)	2400 / 5400
Hot Spot Rate	100% Free

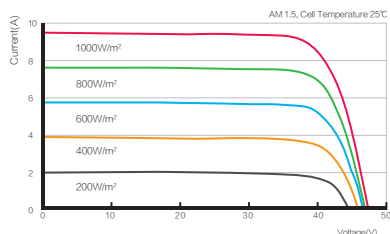
**TEMPERATURE COEFFICIENTS**

Norminal Operating Cell Temp (NOCT)	45±2°C
Temperature Coefficient Voltage (Voc)	-0.31% / °C
Temperature Coefficient Current (Isc)	0.05% / °C
Temperature Coefficient Power (Pm)	-0.41% / °C

**ELECTRICAL PARAMETERS**

	JNMM72-340	JNMM72-345	JNMM72-350	JNMM72-355	JNMM72-360	
<b>STC</b> AM1.5, 1000W/m <sup>2</sup> Cell Temperature 25°C	Max. Power at STC (Pmpp/W)	340	345	350	355	360
	Output Tolerance (W)	0~+5	0~+5	0~+5	0~+5	0~+5
	Max. Power Voltage (Vmp/V)	38.17	38.39	38.55	38.72	38.92
	Max. Power Current (Imp/A)	8.91	8.99	9.08	9.17	9.25
	Open Circuit Voltage (Voc/V)	46.91	47.13	47.25	47.36	47.51
	Short Circuit Current (Isc/A)	9.41	9.48	9.57	9.66	9.72
	Module Efficiency (%)	17.5	17.8	18.0	18.3	18.6
<b>NOCT</b> AM1.5, 800W/m <sup>2</sup> , Ambient Temperature 20°C, Wind Speed 1m/s	Max. Power at NOCT (Pmpp/W)	253.0	256.8	260.5	264.2	267.9
	Max. Power Voltage (Vmp/V)	35.50	35.70	35.86	36.01	36.21
	Max. Power Current (Imp/A)	7.13	7.19	7.26	7.34	7.40
	Open Circuit voltage (Voc/V)	43.99	44.20	44.31	44.42	44.56
	Short Circuit Current (Isc/A)	7.59	7.65	7.72	7.79	7.84

**I-V CURVE(350W)**



**PACKING CONFIGURATION**

Container (High cube)		Platform Semi-Trailer	
Pieces Per Pallet	30 / 23	Pieces Per Pallet	26 / 20
Pallets Per Stack	2	Pallets Per Stack	2
Stacks Per Container	12	Stacks Per Platform	25
Pieces Per Container	720 / 552	Pieces Per Platform	1300 / 1000

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.

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