

JNGM72-330~350

High-efficiency dual-glass mono solar module

Adopting PERC+ cell technology

JNGM72

Applicable to harsh environments including desert, and seaside, etc.

Frame-less design to solve PID problem completely and also enhance self-cleaning capability.

1500V system voltage to reduce construction cost per watt.

Excellent mechanical loading and shock resistance performance.

Options: transparent POE or white EVA.



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

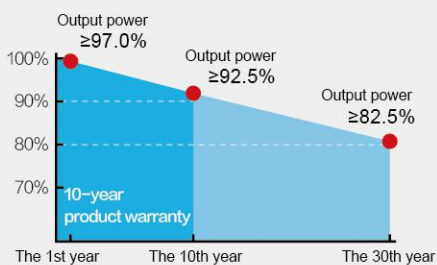
Passed rigorous hail test
Withstands 5400 Pa snow and 2400 Pa wind loads



Long weather resistance

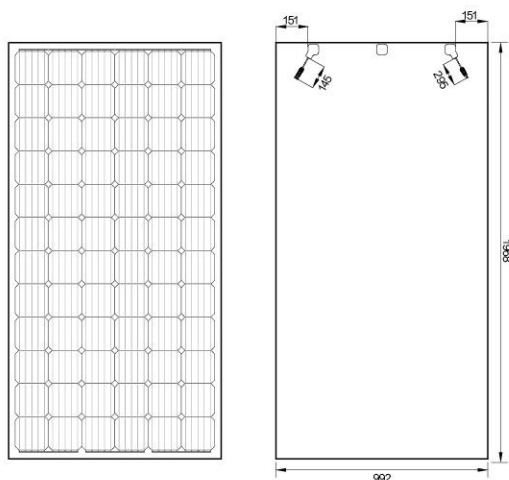
Excellent anti-PID (Potential Induced Degradation) performance
Certified in fireproofing for safety

QUALITY ASSURANCE



JINENG CLEAN ENERGY TECHNOLOGY LTD

No.1 Wenshui Economic Development Zone, Lvliang, Shanxi 032100, China
Tel: +86(358)3300916 E-mail: sales@jinery.com
www.jinery.com



MECHANICAL PARAMETERS

Cell (mm)	156*156 Mono
Dimensions (L*W*H) (mm)	1968*992*6
Weight (kg)	26.7
Front/Back Glass Thickness (mm)	2.5
Cable Cross Section Size (mm ²)	4
Cable Length (mm)	Positive 295 / Negative 145
No. of Cells and Connections	72(6*12)
No. of Diodes	3

QUALIFICATION

Max.System Voltage (V DC)	1500
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

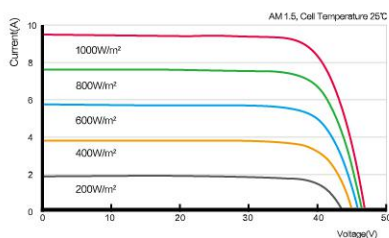
TEMPERATURE COEFFICIENTS

Normal 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

	JNGM72-330	JNGM72-335	JNGM72-340	JNGM72-345	JNGM72-350	
STC AM1.5, 1000W/m ² Cell Temperature 25°C	Max. Power at STC (Pmpp/W)	330	335	340	345	350
	Output Tolerance (W)	0~+5	0~+5	0~+5	0~+5	0~+5
	Max. Power Voltage (Vmp/V)	37.59	37.77	37.87	38.25	38.30
	Max. Power Current (Imp/A)	8.78	8.87	8.98	9.02	9.14
	Open Circuit Voltage (Voc/V)	46.41	46.80	46.98	47.20	47.32
	Short Circuit Current (Isc/A)	9.39	9.42	9.51	9.58	9.67
	Module Efficiency (%)	16.9	17.2	17.4	17.7	17.9
NOCT AM1.5, 800W/m ² , Ambient Temperature 20°C, Wind Speed 1m/s	Max. Power at NOCT (Pmpp/W)	245.6	249.3	253.0	256.8	260.5
	Max. Power Voltage (Vmp/V)	34.97	35.14	35.22	35.58	35.62
	Max. Power Current (Imp/A)	7.02	7.10	7.18	7.22	7.31
	Open Circuit voltage (Voc/V)	43.52	43.89	44.06	44.27	44.38
	Short Circuit Current (Isc/A)	7.58	7.60	7.67	7.73	7.80

I-V CURVE(340W)



PACKING CONFIGURATION

Container (High cube)		Platform Semi-Trailer	
Pieces Per Pallet	30	Pieces Per Pallet	30
Pallets Per Stack	2	Pallets Per Stack	2
Stacks Per Container	11	Stacks Per Platform	16
Pieces Per Container	660	Pieces Per Platform	960

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

© 2017 JINNING CLEAN ENERGY TECHNOLOGY LTD. All rights reserved. Specifications included in this datasheet are subject to change without notice.

JN-170407-2.5H