

JNGP60-255~275

Dual-glass poly solar module

Low-permeability POE encapsulating material, enhanced module reliability

JNGP60

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

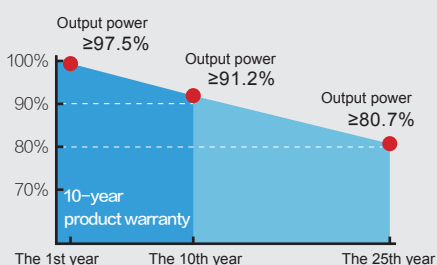
Excellent mechanical loading and shock resistance performance

Options: transparent POE or white EVA

CERTIFICATION



QUALITY ASSURANCE



Advanced production process

4 bus-bar design, double printing cell technology
Average cell efficiency > 18.8%



General product design

Applicable to various installation conditions



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



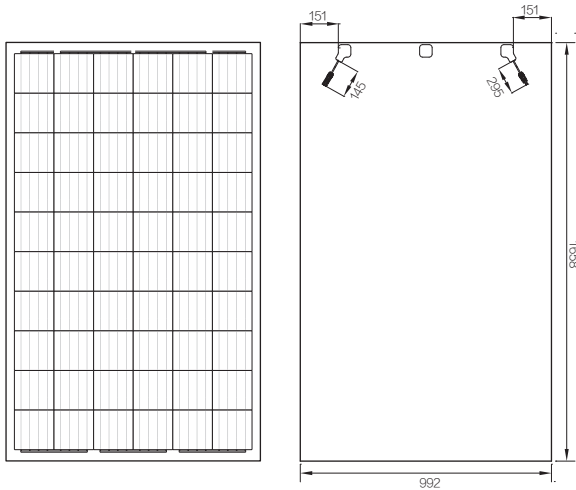
Long weather resistance

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



JINNENG 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 Poly
Dimensions (L*W*H) (mm)	1658*992*6
Weight (kg)	23.4
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	60 (6*10)
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

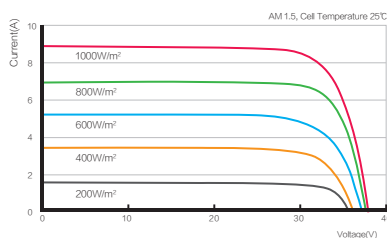
TEMPERATURE COEFFICIENTS

Temperature Coefficient Voltage (Voc)	-0.31% / C
Temperature Coefficient Current (Isc)	0.05% / C
Temperature Coefficient Power (Pm)	-0.41% / C

ELECTRICAL PARAMETERS

	JNGP60-255	JNGP60-260	JNGP60-265	JNGP60-270	JNGP60-275	
STC AM1.5, 1000W/m ² Cell Temperature 25 C	Max. Power at STC (Pmpp/W)	255	260	265	270	275
	Output Tolerance (W)	0~+5	0~+5	0~+5	0~+5	0~+5
	Max. Power Voltage (Vmp/V)	31.30	31.46	31.75	31.97	32.17
	Max. Power Current (Imp/A)	8.15	8.27	8.35	8.45	8.55
	Open Circuit Voltage (Voc/V)	37.60	37.94	38.21	38.49	38.76
	Short Circuit Current (Isc/A)	8.74	8.83	8.92	9.02	9.11
	Module Efficiency (%)	15.5	15.8	16.1	16.4	16.7
NOCT AM1.5, 800W/m ² , Ambient Temperature 20 C, Wind Speed 1m/s Nominal Operating Cell Temp 45±2 C	Max. Power at NOCT (Pmpp/W)	189.8	193.5	197.2	200.9	204.7
	Max. Power Voltage (Vmp/V)	29.11	29.25	29.52	29.73	29.92
	Max. Power Current (Imp/A)	6.52	6.62	6.68	6.76	6.84
	Open Circuit voltage (Voc/V)	35.26	35.58	35.83	36.10	36.35
	Short Circuit Current (Isc/A)	7.05	7.12	7.20	7.28	7.35

I-V CURVE(265W)



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	13	Stacks Per Platform	23
Pieces Per Container	780	Pieces Per Platform	1380

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

© 2016 JINNENG CLEAN ENERGY TECHNOLOGY LTD. All rights reserved. Specifications included in this datasheet are subject to change without notice.