

JNMP60-265~285

High-efficiency poly solar module

Large supply of 275W solar modules

JNMP60

Over 50% capacity module with efficiency >16.8%

Excellent temperature coefficient

Verified against salt mist and ammonia corrosion



Advanced production process

5 bus-bar design, double printing cell technology
Average cell efficiency >19.1%



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



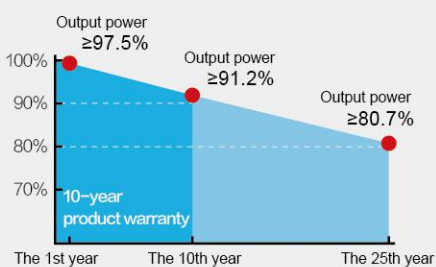
Long weather resistance

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

CERTIFICATION

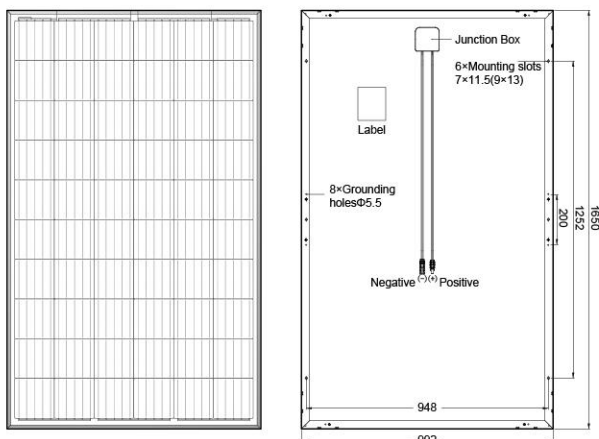


QUALITY ASSURANCE



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MECHANICAL PARAMETERS

Cell (mm)	156*156 Poly
Dimensions (L*W*H) (mm)	1650*992*35
Weight (kg)	18.6
Cable Cross Section Size (mm ²)	4
Cable Length (mm)	800 / 1000
No. of Cells and Connections	60(6*10)
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

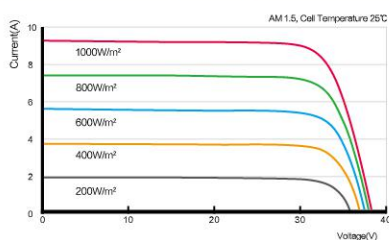
TEMPERATURE COEFFICIENTS

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

	JNMP60-265	JNMP60-270	JNMP60-275	JNMP60-280	JNMP60-285	
STC AM1.5, 1000W/m ² Cell Temperature 25°C	Max. Power at STC (Pmpp/W)	265	270	275	280	285
	Output Tolerance (W)	0~+5	0~+5	0~+5	0~+5	0~+5
	Max. Power Voltage (Vmp/V)	30.86	31.15	31.43	31.72	31.99
	Max. Power Current (Imp/A)	8.59	8.67	8.75	8.83	8.91
	Open Circuit Voltage (Voc/V)	37.89	38.14	38.27	38.47	38.66
	Short Circuit Current (Isc/A)	9.12	9.20	9.27	9.34	9.41
	Module Efficiency (%)	16.2	16.5	16.8	17.1	17.4
NOCT AM1.5, 800W/m ² , Ambient Temperature 20°C, Wind Speed 1m/s	Max. Power at NOCT (Pmpp/W)	197.2	200.9	204.7	208.4	212.1
	Max. Power Voltage (Vmp/V)	28.70	28.97	29.24	29.50	29.76
	Max. Power Current (Imp/A)	6.87	6.94	7.00	7.06	7.13
	Open Circuit voltage (Voc/V)	35.53	35.77	35.89	36.08	36.26
	Short Circuit Current (Isc/A)	7.36	7.42	7.48	7.54	7.59

I-V CURVE(275W)



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	14	Stacks Per Platform	24
Pieces Per Container	840	Pieces Per Platform	1440

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

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