

JNMP60-260~280

High-efficiency poly solar module

Large supply of 280W solar modules

JNMP60

Approved by CQC "Front Runner".

More than 60% of modules produced have an efficiency over 17.1%.

Adaptable to various scenarios.



Advanced production process

5 bus-bar design

Average cell efficiency >19.2%



Superior quality control

Full automatic production line

ISO 9001:2015 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

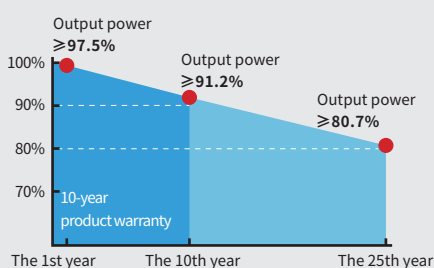
Passed rigorous hail test

Withstands 5400 Pa snow and 2400 Pa wind loads

CERTIFICATION

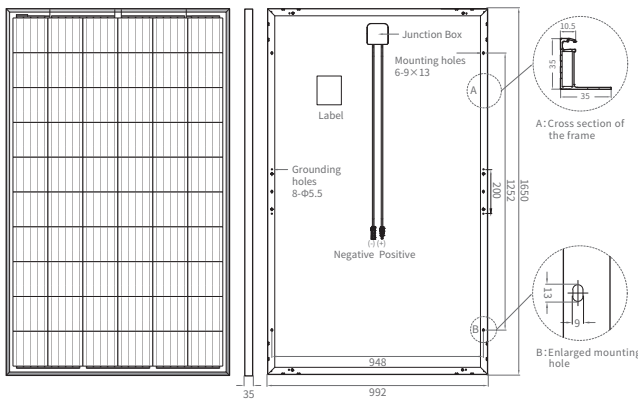


QUALITY ASSURANCE



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MECHANICAL PARAMETERS

Cell (mm)	156.75*156.75 Poly
Dimensions (L*W*H) (mm)	1640/1650*992*35/40
Weight (kg)	17.9/18.1/18.1/18.2
Cable Cross Section Size (mm ²)	4
Cable Length (mm)	800/1000
No. of Cells and Connections	60(6*10)
No. of Diodes	3

*Type of Connector:
 PV-JN01/PV-KST4/xy-UR, PV-KBT4/xy-UR/PV-KST4-EVO 2/xy_UR,
 PV-KBT4-EVO 2/xy_UR/05-6/05-8

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

QUALIFICATION

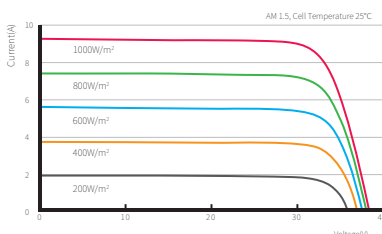
Max.System Voltage (V DC)	1000
Temperature Cycling Range (°C)	-40~+85
Max.Series Fuse Rating (A)	15
Max Reverse Current (A)	15
Max.Wind Load / Max.Snow Load (Pa)	2400/5400
Hot Spot Rate	100% Free
Fire Rating	Class C

ELECTRICAL PARAMETERS

	JNMP60-260	JNMP60-265	JNMP60-270	JNMP60-275	JNMP60-280	
STC AM1.5, 1000W/m ² Cell Temperature 25°C	Max. Power at STC (Pmpp/W)	260	265	270	275	280
	Output Tolerance (W)	0~+5	0~+5	0~+5	0~+5	0~+5
	Max. Power Voltage (Vmp/V)	30.56	30.86	31.15	31.43	31.72
	Max. Power Current (Imp/A)	8.51	8.59	8.67	8.75	8.83
	Open Circuit Voltage (Voc/V)	37.69	37.89	38.14	38.27	38.47
	Short Circuit Current (Isc/A)	9.05	9.12	9.20	9.27	9.34
	Module Efficiency (%)	15.9	16.2	16.5	16.8	17.1
NOCT AM1.5, 800W/m ² , Ambient Temperature 20°C, Wind Speed 1m/s	Max. Power at NOCT (Pmpp/W)	193.5	197.2	200.9	204.7	208.4
	Max. Power Voltage (Vmp/V)	28.42	28.70	28.97	29.24	29.50
	Max. Power Current (Imp/A)	6.81	6.87	6.94	7.00	7.06
	Open Circuit Voltage (Voc/V)	35.35	35.53	35.77	35.89	36.08
	Short Circuit Current (Isc/A)	7.30	7.36	7.42	7.48	7.54

*Power measurement tolerance: ±3%.

I-V CURVE(270W)



PACKING CONFIGURATION

Container (High cube)		Platform Semi-Trailer	
Pieces Per Pallet	31/27/31/27	Pieces Per Pallet	31/27/31/27
Pallets Per Stack	2	Pallets Per Stack	2
Extra Pieces Per Stack	4	Stacks Per Platform	25
Stacks Per Container	14	Pieces Per Platform 1550/1350/1550/1350	
Pieces Per Container	924/812/924/812		