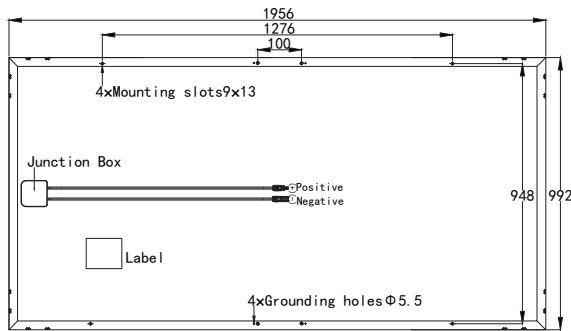


# JNMP72-305~325

## POLYCRYSTALLINE SOLAR MODULE



### ELECTRICAL PARAMETERS

Type	JNMP72-305	JNMP72-310	JNMP72-315	JNMP72-320	JNMP72-325
<b>* STC (AM1.5, 1000W/m<sup>2</sup>, Cell Temperature 25°C)</b>					
Max. Power at STC (P <sub>mp</sub> /W)	305	310	315	320	325
Max. Power Voltage (V <sub>mp</sub> /V)	36.61	36.92	37.24	37.36	37.48
Max. Power Current (I <sub>mp</sub> /A)	8.33	8.40	8.46	8.57	8.67
Open Circuit Voltage (V <sub>oc</sub> /V)	44.91	45.00	45.08	45.17	45.33
Short Circuit Current (I <sub>sc</sub> /A)	8.99	9.10	9.22	9.34	9.44
Module Efficiency (%)	15.7	16.0	16.2	16.5	16.7
<b>* NOCT (AM1.5, 800W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1m/s)</b>					
Max. Power at NOCT (P <sub>mp</sub> /W)	227.0	230.7	234.4	238.2	241.9
Max. Power Voltage (V <sub>mp</sub> /V)	34.06	34.33	34.64	34.74	34.87
Max. Power Current (I <sub>mp</sub> /A)	6.66	6.72	6.77	6.86	6.94
Open Circuit voltage (V <sub>oc</sub> /V)	42.12	42.20	42.28	42.36	42.51
Short Circuit Current (I <sub>sc</sub> /A)	7.25	7.34	7.45	7.54	7.62
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				
Output Tolerance (W)	0~+5				

### PACKING CONFIGURATION

	Container (High cube)	Platform Semi-Trailer
Pieces Per Pallet	25/23	Pieces Per Pallet 25/20
Pallets Per Stack	2	Pallets Per Stack 2
Stacks Per Container	11	Stacks Per Platform 17/25
Pieces Per Container	550/506	Pieces Per Platform 850/1000

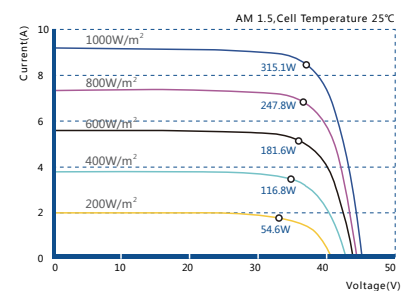
### MECHANICAL PARAMETERS

Cell (mm)	156*156 Poly
Dimensions (L*W*H) (mm)	1956*992*40/45
Weight (kg)	22.0/22.4
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

### I-V CURVE (315W)



### WARRANTY

- 97.5% power output for the first year.
- 91.2% power output over 10 years.
- 80.7% power output over 25 years.
- Free from defects in materials and workmanship for 10 years.
- PID Resistance.

