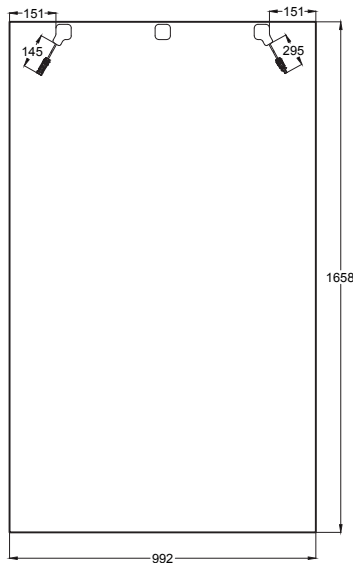


# JNGP60-250~270

## POLYCRYSTALLINE DOUBLE GLASS SOLAR MODULE



### ELECTRICAL PARAMETERS

Type	JNGP60-250	JNGP60-255	JNGP60-260	JNGP60-265	JNGP60-270
<b>* STC (AM1.5, 1000W/m<sup>2</sup>, Cell Temperature 25°C)</b>					
Max. Power at STC (P <sub>mp</sub> /W)	250	255	260	265	270
Max. Power Voltage (V <sub>mp</sub> /V)	31.15	31.30	31.46	31.75	31.97
Max. Power Current (I <sub>mp</sub> /A)	8.03	8.15	8.27	8.35	8.45
Open Circuit Voltage (V <sub>oc</sub> /V)	37.26	37.60	37.94	38.21	38.49
Short Circuit Current (I <sub>sc</sub> /A)	8.65	8.74	8.83	8.92	9.02
Module Efficiency (%)	15.2	15.5	15.8	16.1	16.4
<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)	186.1	189.8	193.5	197.2	200.9
Max. Power Voltage (V <sub>mp</sub> /V)	28.96	29.11	29.25	29.52	29.73
Max. Power Current (I <sub>mp</sub> /A)	6.42	6.52	6.62	6.68	6.76
Open Circuit Voltage (V <sub>oc</sub> /V)	34.94	35.26	35.58	35.83	36.10
Short Circuit Current (I <sub>sc</sub> /A)	6.98	7.05	7.12	7.20	7.28
Normal Operating Cell Temp (NOCT)	45±2°C				
Temperature Coefficient Voltage (V <sub>oc</sub> )	-0.31%/°C				
Temperature Coefficient Current (I <sub>sc</sub> )	0.05%/°C				
Temperature Coefficient Power (P <sub>m</sub> )	-0.41%/°C				
Output Tolerance (W)	0~+5				

### MECHANICAL PARAMETERS

Cell (mm)	156*156 Poly
Dimensions (L*W*H) (mm)	1658*992*6
Weight (kg)	23.4
Cable Cross Section Size (mm <sup>2</sup> )	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

### PACKING CONFIGURATION

Container (High cube)	
Pieces Per Pallet	30
Pallets Per Stack	2
Stacks Per Container	12
Pieces Per Container	720
Platform Semi-Trailer	
Pieces Per Pallet	30
Pallets Per Stack	2
Stacks Per Platform	23
Pieces Per Platform	1380

### 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.