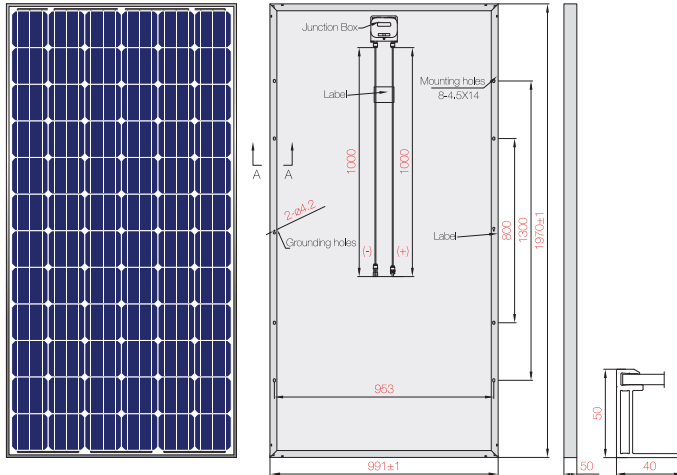
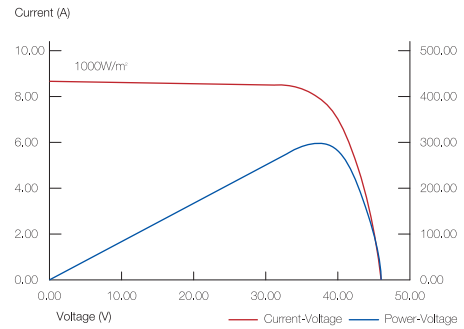


# JAM6 72/280-325

## SOLAR PHOTOVOLTAIC MODULE



### I-V CURVE



### MECHANICAL PARAMETERS

Cell (mm)	Mono 156x156
Weight (kg)	27.5 / 22.5 (50mm / 45mm)
Dimensions (LxWxH) (mm)	1970x991x50 (1956x991x45)
Cable Length (mm)	≥ 1000
Cable cross section size (mm <sup>2</sup> )	4
No. of cells and connections	72 (12x6)
No. of diodes	3
Packing configuration	20 Pcs. / Pallet

### WORKING CONDITIONS

Maximum System Voltage	DC 1000V (TUV)
Operating Temp.	-40°C~+85°C
Maximum Series Fuse	15 A
Max. Wind Load / Max. Snow Load	2400Pa / 5400Pa
Grounding conductivity	< 0.1Ω
NOCT	45±2°C
Application Class	Class A
Insulation Resistance	≥ 100MΩ

### ELECTRICAL PARAMETERS

TYPE	JAM6-72-280/SI	JAM6-72-285/SI	JAM6-72-290/SI	JAM6-72-295/SI	JAM6-72-300/SI	JAM6-72-305/SI	JAM6-72-310/SI	JAM6-72-315/SI	JAM6-72-320/SI	JAM6-72-325/SI
Rated Maximum Power at STC (W)	280	285	290	295	300	305	310	315	320	325
Open Circuit Voltage (Voc/V)	45.02	45.42	45.72	45.92	46.10	46.28	46.46	46.61	46.76	46.91
Maximum Power Voltage (Vmp/V)	36.51	36.63	36.76	36.92	37.13	37.52	37.90	38.27	38.65	39.02
Short Circuit Current (Isc/A)	8.52	8.56	8.60	8.64	8.68	8.73	8.78	8.83	8.88	8.93
Maximum Power Current (Imp/A)	7.67	7.78	7.89	7.99	8.08	8.13	8.18	8.23	8.28	8.33
Module Efficiency [%]	14.34	14.60	14.85	15.11	15.37	15.62	15.88	16.14	16.39	16.64
Power Tolerance (W)	0~+5									
Temperature Coefficient of Isc (αIsc)	+0.036%/°C									
Temperature Coefficient of Voc (βVoc)	-0.330%/°C									
Temperature Coefficient of Pmax (γPmp)	-0.470%/°C									

### GUARANTEE

- 10-year limited product warranty
- Limited performance warranty: 10 years at 90% of the minimal rated power output, 25 years at 80% of the minimal rated power output



Specifications subjects to technical changes and tests. JA Solar reserves the right of final interpretation. 102011 JA Solar

