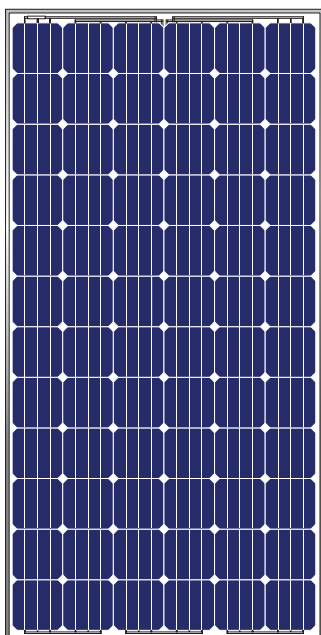


JAM6

72/280-320 SOLAR PHOTOVOLTAIC MODULE



PRODUCT OVERVIEW

- JA Solar' s modules are optimally manufactured and adjusted to meet the needs of the current market; scientifically designed module dimension makes the installation simple and easy; each cell of the module is the acclaimed "Made by JA Solar".
- Our continuous efforts in quality assurance system and certifications the international authentication institutions of JA Solar' s products demonstrate our commitment to product quality and customer requirements.

MODULE CHARACTERISTICS

- High efficiency crystalline silicon solar cells.
- High transmission low iron tempered glass, strong mechanical resistance.
- Standard waterproof junction box, with bypass diode.
- High endurance to different atrocious weather.
- Custom designed modules according to clients' requirement.

MECHANICAL PARAMETERS

Cell(mm)	Mono 156×156
Weight(kg)	27.5
Dimensions(L×W×H)(mm)	1970×991×50
Cable Length(mm)	≥1000
Cable cross section size(mm ²)	4
No. of cells and connections	72(12×6)
No. of diodes	6
Packing configuration	20pcs/carton

WORKING CONDITIONS

Maximum System Voltage	DC 1000V
Operating Temp.	-40°C~+85°C
Maximum Series Fuse (A)	13
Static loading	≥2400Pa
Grounding conductivity	<0.1Ω
NOCT	45+/-2°C
Application Class	Class A
Insulation Resistance	≥100MΩ

GUARANTEE

5-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

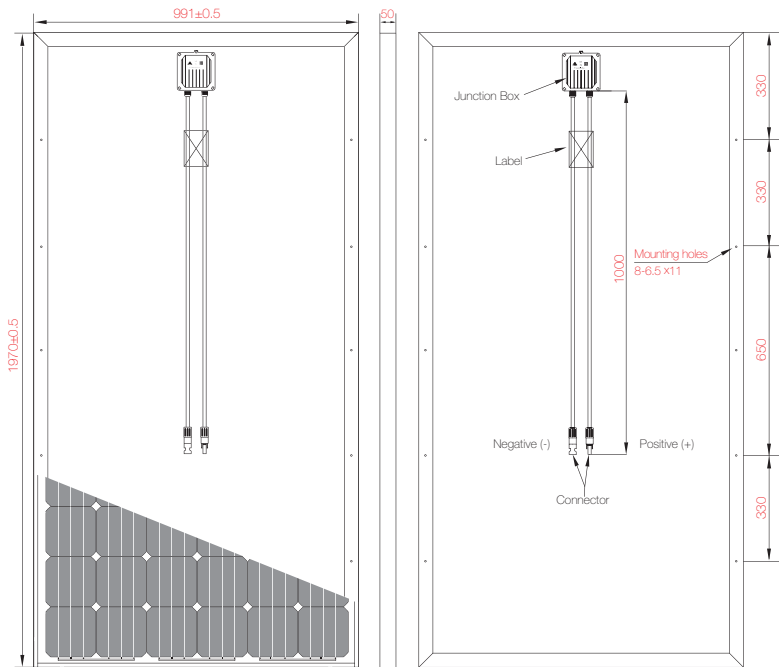
JA SOLAR HOLDINGS CO., LTD.

No. 36, Jiang Chang San Road, Zhabei, Shanghai, China, 200436

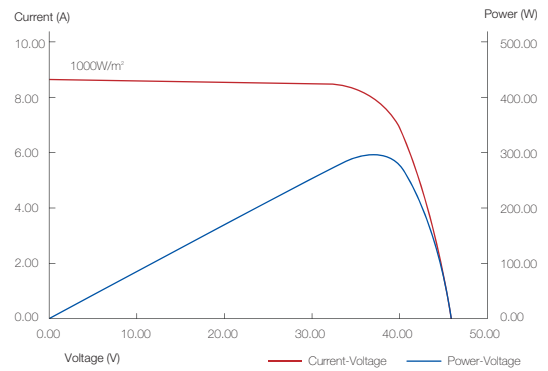
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JAM6

72/280-320 SOLAR PHOTOVOLTAIC MODULE



I-V CURVE



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
Rated Maximum Power at STC (W)	280	285	290	295	300	305	310	315	320
Open Circuit Voltage (Voc/V)	45.02	45.42	45.72	45.92	46.1	46.28	46.46	46.61	46.76
Maximum Power Voltage (Vmp/V)	36.52	36.62	36.77	36.92	37.12	37.32	37.52	37.7	37.88
Short Circuit Current (Isc/A)	8.52	8.56	8.59	8.62	8.64	8.67	8.7	8.73	8.76
Maximum Power Current (Imp/A)	7.67	7.78	7.89	7.99	8.08	8.17	8.26	8.36	8.45
Power Tolerance	±3%								
α_{Isc}	+0.036%/°C								
β_{Voc}	-0.33%/°C								
γ_{Pmp}	-0.47%/°C								

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