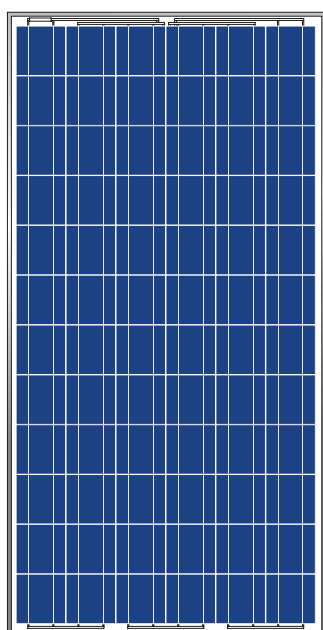


JAP6

72/270-300 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)	Quasi-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

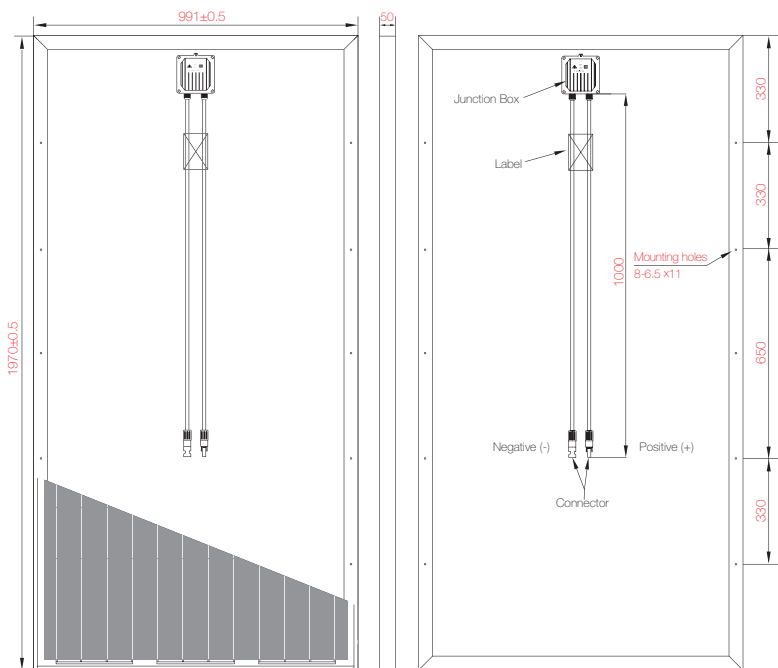
JA SOLAR HOLDINGS CO., LTD.

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

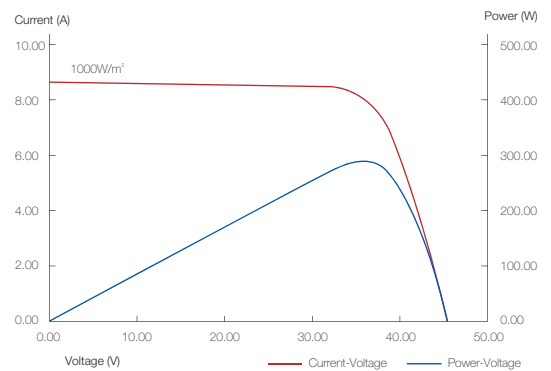
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JAP6

72/270-300 SOLAR PHOTOVOLTAIC MODULE



I-V CURVE



ELECTRICAL PARAMETERS

TYPE	JAP6-72-270	JAP6-72-275	JAP6-72-280	JAP6-72-285	JAP6-72-290	JAP6-72-295	JAP6-72-300
Rated Maximum Power at STC (W)	270	275	280	285	290	295	300
Open Circuit Voltage (Voc/V)	45.16	45.25	45.33	45.42	45.50	45.59	45.67
Maximum Power Voltage (Vmp/V)	35.29	35.44	35.59	35.74	35.89	36.04	36.19
Short Circuit Current (Isc/A)	8.47	8.51	8.56	8.60	8.64	8.68	8.73
Maximum Power Current (Imp/A)	7.65	7.76	7.87	7.97	8.08	8.18	8.29
Power Tolerance	±3%						
α_{Isc}	+0.036%/°C						
β_{Voc}	-0.33%/°C						
γ_{Pmp}	-0.47%/°C						

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