JA SOLAR

JAP6

-60/255-275/4BB

MULTICRYSTALLINE SILICON MODULE

JA Solar Holdings Co., Ltd.

JA Solar Holdings Co., Ltd. is a world-leading manufacturer of high-performance photovoltaic products that convert sunlight into electricity for residential, commercial, and utility-scale power generation. The company was founded on May 18, 2005, and was publicly listed on NASDAQ on February 7, 2007. JA Solar is one of the world's largest producers of solar cells and modules. Its standard and high-efficiency product offerings are among the most powerful and cost-effective in the industry.

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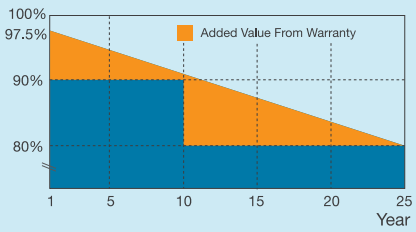
Superior Warranty

- 12-year product warranty
- 25-year linear power output warranty



Key Features

- JA 4BB design module reduce cell series resistance and stress between cell interconnectors improves module reliability and module conversion efficiency
- High output, 16.51% highest conversion efficiency
- Designed for DC IEC 1000V applications
- Anti-reflective and anti-soiling surface reduces power loss from dirt and dust
- Outstanding performance in low-light irradiance environments
- Excellent mechanical load resistance: Certified to withstand high wind loads (2400Pa) and snow loads (5400Pa)
- High salt and ammonia resistance certified by TÜV NORD

Reliable Quality

- Positive power tolerance: 0~+5W
- 100% EL double-inspection ensures modules are defects free
- Modules binned by current to improve system performance
- Potential Induced Degradation (PID) Resistant

Comprehensive Certificates

- IEC 61215, IEC 61730, UL1703, CEC Listed, MCS and CE
- ISO 9001: 2008: Quality management systems
- ISO 14001: 2004: Environmental management systems
- BS OHSAS 18001: 2007: Occupational health and safety management systems
- Environmental policy: The first solar company in China to complete Intertek's carbon footprint evaluation program and receive green leaf mark verification for our products

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

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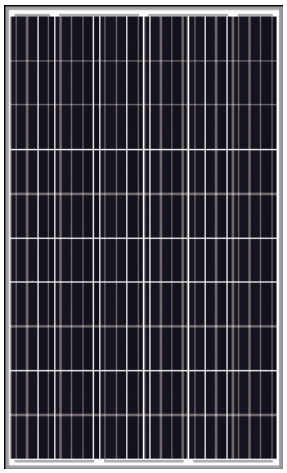
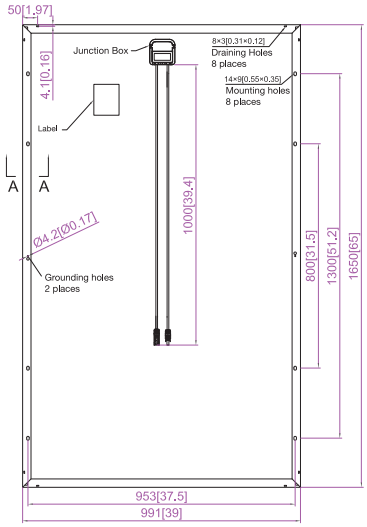
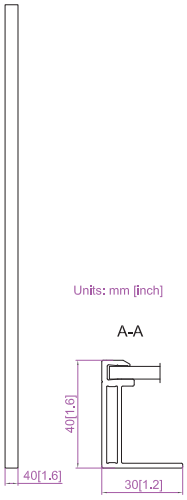
Engineering Drawings







MECHANICAL PARAMETERS

Cell (mm)	Poly 156x156
Weight (kg)	18.2 (approx)
Dimensions (L×W×H) (mm)	1650×991×40
Cable Cross Section Size (mm^2)	4
No. of Cells and Connections	60 (6×10)
Junction Box	IP67, 3 diodes
Connector	MC4 Compatible
Packaging Configuration	27 Per Pallet

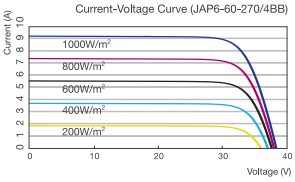
WORKING CONDITIONS

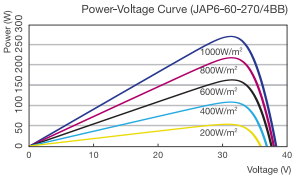
Maximum System Voltage	DC 1000V (IEC)
Operating Temperature	-40℃~+85℃
Maximum Series Fuse	15A
Maximum Static Load, Front (e.g., snow and wind) Maximum Static Load, Back (e.g., wind)	5400Pa (112 lb/ft^2) 2400Pa (50 lb/ft^2)
NOCT	45±2℃
Application Class	Class A

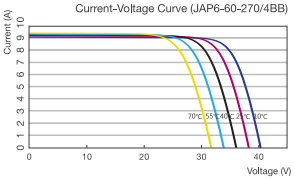
ELECTRICAL PARAMETERS

TYPE	JAP6-60-255/4BB	JAP6-60-260/4BB	JAP6-60-265/4BB	JAP6-60-270/4BB	JAP6-60-275/4BB
Rated Maximum Power at STC (W)	255	260	265	270	275
Open Circuit Voltage (Voc/V)	37.61	37.84	38.05	38.27	38.48
Maximum Power Voltage (Vmp/V)	30.59	30.81	31.02	31.23	31.45
Short Circuit Current (Isc/A)	8.90	9.01	9.08	9.16	9.25
Maximum Power Current (Imp/A)	8.34	8.44	8.54	8.65	8.74
Module Efficiency [%]	15.59	15.90	16.21	16.51	16.82
Power Tolerance (W)	-0~+5W				
Temperature Coefficient of Isc (αIsc)	+0.058%/℃				
Temperature Coefficient of Voc (βVoc)	-0.330%/℃				
Temperature Coefficient of Pmax (γPmp)	-0.410%/℃				
STC	Irradiance 1000W/m^2, Cell Temperature 25℃, Air Mass 1.5				

I-V CURVE







NOCT

TYPE	JAP6-60-255/4BB	JAP6-60-260/4BB	JAP6-60-265/4BB	JAP6-60-270/4BB	JAP6-60-275/4BB
Max Power (Pmax) [W]	185.13	188.76	192.39	196.02	199.65
Open Circuit Voltage (Voc) [V]	34.52	34.68	34.92	35.23	35.54
Max Power Voltage (Vmp) [V]	27.93	28.15	28.37	28.57	28.76
Short Circuit Current (Isc) [A]	7.04	7.08	7.11	7.15	7.21
Max Power Current (Imp) [A]	6.63	6.71	6.78	6.86	6.93
Condition	Under Normal Operating Cell Temperature, Irradiance of 800 W/m^2, spectrum AM 1.5, ambient temperature 20℃, wind speed 1 m/s				

Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.