

JAP6

60/245-265/3BB

MULTICRYSTALLINE SILICON MODULE



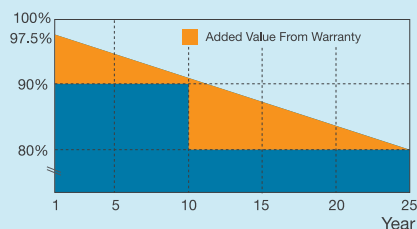
JA Solar Holdings Co., Ltd.

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

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



Key Features



Multicrystalline modules designed for residential commercial and utility applications, rooftop or ground mount



High output, 16.21% highest conversion efficiency



Designed for UL DC 1000V applications



Anti-reflective and anti-soiling surface reduces power loss from dirt and dust



Outstanding performance in low-light irradiance environments



Excellent anti-fire performance passed the latest UL1703 fire test



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

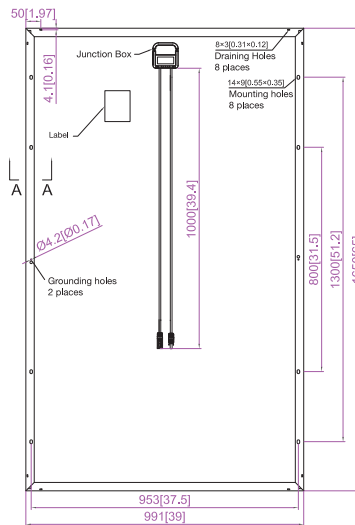
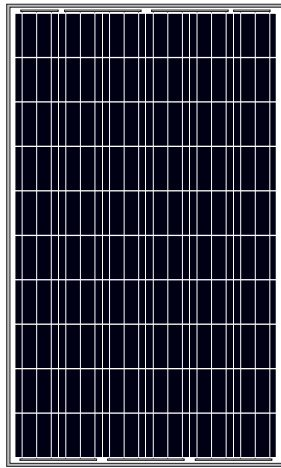
Comprehensive Certificates

- 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.

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/Amphenol H4 |
| Packaging Configuration | 26 Per Pallet |

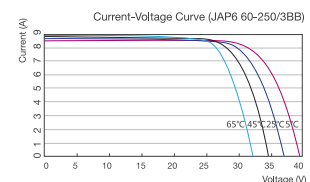
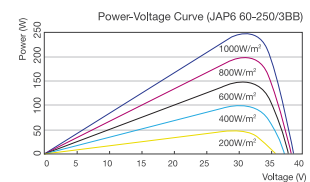
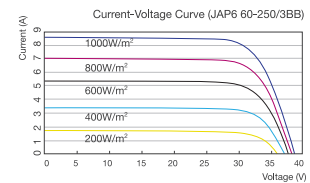
WORKING CONDITIONS

| | |
|--|----------------------------------|
| Maximum System Voltage | DC 1000V (UL) |
| Operating Temperature | -40°C ~ +85°C |
| Maximum Series Fuse | 15A |
| Maximum Static Load, Front (e.g., snow and wind) | 5400Pa (112 lb/ft ²) |
| Maximum Static Load, Back (e.g., wind) | 2400Pa (50 lb/ft ²) |
| NOCT | 45±2°C |
| Fire Performance | Type 1 |
| Application Class | Class A |

ELECTRICAL PARAMETERS

| TYPE | JAP6 60-245/3BB | JAP6 60-250/3BB | JAP6 60-255/3BB | JAP6 60-260/3BB | JAP6 60-265/3BB |
|--|---|--------------------|--------------------|--------------------|--------------------|
| Rated Maximum Power at STC (W) | 245 | 250 | 255 | 260 | 265 |
| Open Circuit Voltage (Voc/V) | 37.50 | 37.66 | 37.82 | 37.98 | 38.14 |
| Maximum Power Voltage (Vmp/V) | 29.59 | 29.94 | 30.29 | 30.63 | 30.96 |
| Short Circuit Current (Isc/A) | 8.86 | 8.92 | 8.98 | 9.04 | 9.10 |
| Maximum Power Current (Imp/A) | 8.28 | 8.35 | 8.42 | 8.49 | 8.56 |
| Module Efficiency [%] | 14.98 | 15.29 | 15.59 | 15.90 | 16.21 |
| Power Tolerance (W) | -0~+5W | | | | |
| Temperature Coefficient of Isc (αIsc) | +0.058%/°C | | | | |
| Temperature Coefficient of Voc (βVoc) | -0.330%/°C | | | | |
| Temperature Coefficient of Pmax (γPmp) | -0.410%/°C | | | | |
| STC | Irradiance 1000W/m ² , Cell Temperature 25°C, Air Mass 1.5 | | | | |

I-V CURVE



NOCT

| TYPE | JAP6 60-245/3BB | JAP6 60-250/3BB | JAP6 60-255/3BB | JAP6 60-260/3BB | JAP6 60-265/3BB |
|---------------------------------|---|--------------------|--------------------|--------------------|--------------------|
| Max Power (Pmax) [W] | 177.87 | 181.50 | 185.13 | 188.76 | 192.39 |
| Open Circuit Voltage (Voc) [V] | 34.48 | 34.61 | 34.68 | 34.76 | 34.87 |
| Max Power Voltage (Vmp) [V] | 27.20 | 27.42 | 27.71 | 28.05 | 28.42 |
| Short Circuit Current (Isc) [A] | 7.03 | 7.13 | 7.18 | 7.21 | 7.24 |
| Max Power Current (Imp) [A] | 6.54 | 6.62 | 6.68 | 6.73 | 6.77 |
| Condition | Under Normal Operating Cell Temperature, Irradiance of 800 W/m ² , spectrum AM 1.5, ambient temperature 20°C, 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.