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 power output of more than 275W and module efficiency up to 17.12% which has been verified by TÜV Rheinland
- 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.
**JAM6(K)(BK) -60/265-285/4BB**

**MECHANICAL PARAMETERS**

- Cell (mm): Almost Full Square Mono 156.7x158.75
- Weight (kg): 18 (approx)
- Dimensions (LxWxH) (mm): 1650x991x35
- Cable Cross Section Size (mm²): 4
- No. of Cells and Connections: 60 (6x10)
- Packaging Configuration: 30 Per Pallet

**ELECTRICAL PARAMETERS**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>JAM6(K)(BK)</th>
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<th>JAM6(K)(BK)</th>
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<tbody>
<tr>
<td>-60-265/4BB</td>
<td>265</td>
<td>270</td>
<td>275</td>
<td>290</td>
<td>285</td>
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<td>-60-270/4BB</td>
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<td>-60-285/4BB</td>
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<td>Module Efficiency (%)</td>
<td>16.21</td>
<td>16.82</td>
<td>16.92</td>
<td>17.12</td>
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<td>Power Tolerance (%)</td>
<td>0.059%</td>
<td>0.059%</td>
<td>0.059%</td>
<td>0.059%</td>
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<tr>
<td>Temperature Coefficient of Isc (x°C)</td>
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<td>-0.330%</td>
<td>-0.330%</td>
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<td>-0.330%</td>
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<td>-0.410%</td>
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<tr>
<td>STC</td>
<td>Irradiance 1000W/m², Cell Temperature 25°C, Air Mass 1.5</td>
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</table>

**WORKING CONDITIONS**

- Maximum System Voltage: DC 1000V (IEC)
- Operating Temperature: -40°C ~ 85°C
- Maximum Series Fuse: 15A
- Maximum Static Load, Front (e.g., snow and wind): 5400Pa (112 lb/ft²)
- Maximum Static Load, Back (e.g., wind): 2400Pa (53 lb/ft²)
- NOCT: 45±2°C
- Application Class: Class A

**I-V CURVE**

**NOCT**

<table>
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<tr>
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Condition: Under Normal Operating Cell Temperature, Irradiance of 800 W/m², 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.

JA Solar 06,2016