This time-tested legacy module series has been proven to be one of the powerful and most reliable products offered by JA Solar and the most popular choice by PV system installers and customers around the world.

5 busbar solar cell design

Low cost

Anti-PID

Highly reliable due to strict quality control

Superior Warranty

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

Comprehensive Certificates

- IEC 61215, IEC 61730
- ISO 9001: 2015 Quality management systems
- ISO 14001: 2015 Environmental management systems
- OHSAS 18001: 2007 Occupational health and safety management systems

JA Linear Power Warranty  Industry Warranty
**ELECTRICAL PARAMETERS AT NOCT**

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Rated Max Power (Pmax) [W]</td>
<td>240</td>
<td>244</td>
<td>248</td>
<td>252</td>
<td>256</td>
</tr>
<tr>
<td>Open Circuit Voltage (Voc) [V]</td>
<td>43.38</td>
<td>43.57</td>
<td>43.77</td>
<td>43.96</td>
<td>44.16</td>
</tr>
<tr>
<td>Max Power Voltage (Vmp) [V]</td>
<td>35.17</td>
<td>35.38</td>
<td>35.59</td>
<td>35.81</td>
<td>36.03</td>
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<tr>
<td>Short Circuit Current (Isc) [A]</td>
<td>7.33</td>
<td>7.40</td>
<td>7.47</td>
<td>7.55</td>
<td>7.62</td>
</tr>
<tr>
<td>Max Power Current (Imp) [A]</td>
<td>6.82</td>
<td>6.90</td>
<td>6.97</td>
<td>7.04</td>
<td>7.11</td>
</tr>
<tr>
<td>Module Efficiency [%]</td>
<td>16.5</td>
<td>16.7</td>
<td>16.7</td>
<td>17.0</td>
<td>17.2</td>
</tr>
<tr>
<td>Power Tolerance</td>
<td>0~+5W</td>
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<td></td>
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</tr>
<tr>
<td>Temperature Coefficient of Isc(α_Isc)</td>
<td></td>
<td>+0.058%/°C</td>
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<tr>
<td>Temperature Coefficient of Voc(β_Voc)</td>
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<td>-0.330%/°C</td>
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<tr>
<td>Temperature Coefficient of Pmax(γ_Pmp)</td>
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<td>-0.400%/°C</td>
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</tr>
</tbody>
</table>

**STC**

Irradiance 1000W/m², cell temperature 25°C, AM 1.5G

**Operating Conditions**

- Maximum System Voltage: 1000V DC (IEC)
- Operating Temperature: -40°C ~ +85°C
- Maximum Series Fuse: 20A
- Maximum Static Load, Front*: 3600Pa, 1.5
- Maximum Static Load, Back*: 1600Pa, 1.5
- NOCT: 45±2°C
- Application Class: Class A

**CHARACTERISTICS**

- Current-Voltage Curve: JAP72S09-335/SC/1000V
- Power-Voltage Curve: JAP72S09-335/SC/1000V
- Current-Voltage Curve: JAP72S09-335/SC/1000V

**Remarks:**

- Customized frame color and cable length available upon request.
- Measurement tolerance at STC: Pmax ±3%, Voc ±2% and Isc ±4%.
- For NexTracker installations static loading performance: front load measures 2400Pa, while back load measures 2400Pa.