Introduction

Powered by high-efficiency PERCIUM cells, this series of high-performance modules provides the most cost-effective solution for lowering the LCOE of any PV systems large or small.

5 busbar solar cell design
Higher output power
Excellent low-light performance
Lower temperature coefficient

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

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Specifications subject to technical changes and tests. JA Solar reserves the right of final interpretation.
Shanghai JA Solar Technology Co., Ltd.
**OPERATING CONDITIONS**

- **Maximum System Voltage**: 1000V DC (IEC)
- **Operating Temperature**: -40°C to +65°C
- **Maximum Series Fuse**: 20A
- **Maximum Static Load, Front***: 2400Pa
- **Maximum Static Load, Back***: 2400Pa
- **NOCT**: 45±2°C
- **Application Class**: Class A

**ELECTRICAL PARAMETERS AT STC**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>JAM72S09-375/PR/1000V</th>
<th>JAM72S09-380/PR/1000V</th>
<th>JAM72S09-385/PR/1000V</th>
<th>JAM72S09-390/PR/1000V</th>
<th>JAM72S09-395/PR/1000V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Maximum Power(Pmax) [W]</td>
<td>375</td>
<td>380</td>
<td>385</td>
<td>390</td>
<td>395</td>
</tr>
<tr>
<td>Open Circuit Voltage(Voc) [V]</td>
<td>48.47</td>
<td>48.75</td>
<td>49.04</td>
<td>49.35</td>
<td>49.64</td>
</tr>
<tr>
<td>Maximum Power Voltage(Vmp) [V]</td>
<td>39.27</td>
<td>39.59</td>
<td>39.90</td>
<td>40.21</td>
<td>40.48</td>
</tr>
<tr>
<td>Short Circuit Current(Isc) [A]</td>
<td>10.06</td>
<td>10.12</td>
<td>10.17</td>
<td>10.22</td>
<td>10.27</td>
</tr>
<tr>
<td>Module Efficiency [%]</td>
<td>19.0</td>
<td>19.3</td>
<td>19.5</td>
<td>19.8</td>
<td>20.0</td>
</tr>
</tbody>
</table>

**CHARACTERISTICS**

**Measurement tolerance at STC**: Pmax ±3%, Voc ±2% and Isc ±4%.

**Remarks**: 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.

For NexTracker installations static loading performance: front load measures 2400Pa, while back load measures 2400Pa.

** Remark:** customized frame color and cable length available upon request.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Cell</th>
<th>Mono</th>
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</thead>
<tbody>
<tr>
<td>Weight</td>
<td>22.3kg±3%</td>
</tr>
<tr>
<td>Dimensions</td>
<td>1979±2mm×996±2mm×40±1mm</td>
</tr>
<tr>
<td>Cable Cross Section Size</td>
<td>4mm²</td>
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<tr>
<td>No. of cells</td>
<td>72(6x12)</td>
</tr>
</tbody>
</table>

**Country of Manufacturer** China/Vietnam

**Connector**
- PV-ZH202
- PV-KBT4/6ll(female), PV-KST4/6ll(male)
- QC4.10
- Helios H4
- H4 UTX

**Units**: mm

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