Introduction

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.

Poly

345W Module

JAP72S09 325-345/SC/1500V Series

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

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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**: 1500V DC (IEC)
- **Operating Temperature**: -40℃ ~ +85℃
- **Maximum Series Fuse**: 20A
- **Maximum Static Load, Front**: 2400Pa, 1.5
- **Maximum Static Load, Back**: 2400Pa, 1.5
- **NOCT**: 45±2℃
- **Application Class**: Class A

### MECHANICAL DIAGRAMS

#### Cell

- Weight: 22.3 kg ±3%
- Dimensions: 1979±2mm x 996±2mm x 40±1mm
- Cable Cross Section Size: 4mm²
- No. of cells: 72 (6x12)
- Connector: Genuine MC4-EVO2 QC4.10-35/45
- Country of Manufacturer: China/Vietnam

### ELECTRICAL PARAMETERS AT NOCT

#### TYPE

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<tr>
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<tbody>
<tr>
<td>Rated Maximum Power (Pmax) [W]</td>
<td>325</td>
<td>330</td>
<td>335</td>
<td>340</td>
<td>345</td>
</tr>
<tr>
<td>Open Circuit Voltage (Voc) [V]</td>
<td>45.56</td>
<td>45.83</td>
<td>46.10</td>
<td>46.39</td>
<td>46.68</td>
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<tr>
<td>Maximum Power Voltage (Vmp) [V]</td>
<td>36.90</td>
<td>37.18</td>
<td>37.45</td>
<td>37.74</td>
<td>38.04</td>
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<tr>
<td>Maximum Power Current (Imp) [A]</td>
<td>8.81</td>
<td>8.88</td>
<td>8.95</td>
<td>9.01</td>
<td>9.07</td>
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<tr>
<td>Module Efficiency [%]</td>
<td>16.5</td>
<td>16.7</td>
<td>17.0</td>
<td>17.2</td>
<td>17.5</td>
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#### Temperature Coefficient

- Isc (α_Isc): +0.058%/℃
- Voc (β_Voc): -0.330%/℃
- Pmax (γ_Pmp): -0.400%/℃

**Remark**: 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.

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