Poly 290W Module
JAP60S09 270-290/SC/1000V Series

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 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
OPPERATING CONDITIONS

<table>
<thead>
<tr>
<th>TYPE</th>
<th>JAP60S09 -270/SC/1000V</th>
<th>JAP60S09 -275/SC/1000V</th>
<th>JAP60S09 -280/SC/1000V</th>
<th>JAP60S09 -285/SC/1000V</th>
<th>JAP60S09 -290/SC/1000V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Max Power(Pmax) [W]</td>
<td>200</td>
<td>204</td>
<td>208</td>
<td>212</td>
<td>216</td>
</tr>
<tr>
<td>Open Circuit Voltage(Voc) [V]</td>
<td>36.25</td>
<td>36.56</td>
<td>36.85</td>
<td>37.05</td>
<td>37.26</td>
</tr>
<tr>
<td>Maximum Power Voltage(Vmp) [V]</td>
<td>7.31</td>
<td>7.40</td>
<td>7.48</td>
<td>7.56</td>
<td>7.64</td>
</tr>
<tr>
<td>Short Circuit Current(Isc) [A]</td>
<td>6.83</td>
<td>6.92</td>
<td>7.01</td>
<td>7.10</td>
<td>7.18</td>
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<tr>
<td>Maximum Power Current(Imp) [A]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NOCT</td>
<td>Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s, AM1.5G</td>
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</tr>
</tbody>
</table>

- **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** JAP60S09-280/SC/1000V
- **Power-Voltage Curve** JAP60S09-280/SC/1000V
- **Current-Voltage Curve** JAP60S09-280/SC/1000V