JA bifacial modules are assembled by high-performance PERCIUM cells and encapsulated by glass-glass panels, are capable of converting energy from incident lights on front and diffuse light, as well as reflected and scattered light on rear sides, which make them better reliability, superior low irradiance performance, and excellent energy generation performance.

3%~15% more energy generation
Superior low irradiance performance
Excellent temperature dependent performance
Lower LCOE

Superior Warranty
- 12-year product warranty
- 30-year linear power output warranty

0.5% Annual Degradation Over 30 years

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
- IEC TS 62941: 2016 Terrestrial photovoltaic (PV) modules – Guidelines for increased confidence in PV module design qualification and type approval
## OPERATING CONDITIONS

### Maximum System Voltage

1500V DC (IEC)

### Operating Temperature

-40℃ ~ +85℃

### Maximum Series Fuse

20A

### NOCT

45±2℃

### Bifaciality*

70%±5%

### Junction Box

IP68, 3 diodes

### Connector

QC 4.10-35

### Cable Length

- **Portrait**: 300mm (+)/400mm (-)
- **Landscape**: 1200mm (+)/1200mm (-)

### Packaging Configuration

28 Per Pallet

---

### ELECTRICAL CHARACTERISTICS WITH DIFFERENT REAR SIDE POWER GAIN (REFERENCE TO 385W FRONT)

<table>
<thead>
<tr>
<th>TYPE</th>
<th>JAM72D09-370/BP</th>
<th>JAM72D09-375/BP</th>
<th>JAM72D09-380/BP</th>
<th>JAM72D09-385/BP</th>
<th>JAM72D09-390/BP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Maximum Power (Pmax) [W]</td>
<td>370</td>
<td>375</td>
<td>380</td>
<td>385</td>
<td>390</td>
</tr>
<tr>
<td>Open Circuit Voltage ( Voc ) [V]</td>
<td>48.20</td>
<td>48.51</td>
<td>48.81</td>
<td>49.11</td>
<td>49.42</td>
</tr>
<tr>
<td>Maximum Power Voltage ( Vmp ) [V]</td>
<td>39.41</td>
<td>39.73</td>
<td>40.02</td>
<td>40.33</td>
<td>40.63</td>
</tr>
<tr>
<td>Short Circuit Current (Isc) [A]</td>
<td>9.91</td>
<td>9.97</td>
<td>10.03</td>
<td>10.09</td>
<td>10.14</td>
</tr>
<tr>
<td>Module Efficiency [%]</td>
<td>18.6</td>
<td>18.9</td>
<td>19.1</td>
<td>19.4</td>
<td>19.6</td>
</tr>
<tr>
<td>Power Tolerance</td>
<td>0~+5W</td>
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<tr>
<td>Temperature Coefficient of Iscα_Isc</td>
<td>+0.060%/°C</td>
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<tr>
<td>Temperature Coefficient of Vocβ_Voc</td>
<td>-0.300%/°C</td>
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<tr>
<td>Temperature Coefficient of Pmaxγ_Pmp</td>
<td>-0.370%/°C</td>
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</tbody>
</table>

### ELECTRICAL PARAMETERS AT STC

- Irradiance 1000W/m², cell temperature 25℃, AM1.5G

### CHARACTERISTICS

#### Current-Voltage Curve

For JAM72D09-380/BP

#### Power-Voltage Curve

For JAM72D09-380/BP

#### Current-Voltage Curve

For JAM72D09-380/BP