Assembled with high-efficiency PERC cells, the half-cell configuration of the modules offers the advantages of higher power output, better temperature-dependent performance, reduced shading effect on the energy generation, lower risk of hot spot, as well as enhanced tolerance for mechanical loading.

**Introduction**

- Higher output power
- Lower temperature coefficient
- Less shading effect
- Better mechanical loading tolerance

**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
**ELECTRICAL PARAMETERS AT STC**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>JAM72S10 -385/PR/1500V</th>
<th>JAM72S10 -390/PR/1500V</th>
<th>JAM72S10 -395/PR/1500V</th>
<th>JAM72S10 -400/PR/1500V</th>
<th>JAM72S10 -405/PR/1500V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Maximum Power(Pmax) [W]</td>
<td>385</td>
<td>390</td>
<td>395</td>
<td>400</td>
<td>405</td>
</tr>
<tr>
<td>Open Circuit Voltage(Voc) [V]</td>
<td>48.62</td>
<td>48.91</td>
<td>49.21</td>
<td>49.50</td>
<td>49.81</td>
</tr>
<tr>
<td>Maximum Power Voltage(Vmp) [V]</td>
<td>40.42</td>
<td>40.55</td>
<td>40.85</td>
<td>41.17</td>
<td>41.46</td>
</tr>
<tr>
<td>Short Circuit Current(Isc) [A]</td>
<td>10.11</td>
<td>10.16</td>
<td>10.21</td>
<td>10.26</td>
<td>10.32</td>
</tr>
<tr>
<td>Module Efficiency [%]</td>
<td>19.2</td>
<td>19.4</td>
<td>19.7</td>
<td>19.9</td>
<td>20.2</td>
</tr>
<tr>
<td>Power Tolerance</td>
<td>0±5W</td>
<td>0±5W</td>
<td>0±5W</td>
<td>0±5W</td>
<td>0±5W</td>
</tr>
<tr>
<td>Temperature Coefficient of Isc(α_Isc)</td>
<td>+0.051%/℃</td>
<td>+0.051%/℃</td>
<td>+0.051%/℃</td>
<td>+0.051%/℃</td>
<td>+0.051%/℃</td>
</tr>
<tr>
<td>Temperature Coefficient of Voc(β_Voc)</td>
<td>-0.289%/℃</td>
<td>-0.289%/℃</td>
<td>-0.289%/℃</td>
<td>-0.289%/℃</td>
<td>-0.289%/℃</td>
</tr>
<tr>
<td>Temperature Coefficient of Pmax(γ_Pmax)</td>
<td>-0.350%/℃</td>
<td>-0.350%/℃</td>
<td>-0.350%/℃</td>
<td>-0.350%/℃</td>
<td>-0.350%/℃</td>
</tr>
</tbody>
</table>

**OPERATING CONDITIONS**

- Maximum System Voltage: 1000V DC(IEC)
- Operating Temperature: -40°C~+65°C
- Maximum Series Fuse: 20A
- Maximum Static Load, Front*: 3600Pa, 1.5
- Maximum Static Load, Back*: 1600Pa, 1.5
- NOCT: 45±2℃
- Application Class: Class A

**SPECIFICATIONS**

- **Cell**: Mono
- **Weight**: 22.7kg±3%
- **Dimensions**: 2015±2mm×996±2mm×40±1mm
- **Cable Cross Section Size**: 4mm²
- **No. of cells**: 144 (6×24)
- **Connector**: Genuine MC4-EVO2 QC4.10-35/45
- **Country of Manufacturer**: China/Vietnam

**ELECTRICAL PARAMETERS AT NOCT**

- **Rated Power**: 285
- **Open Circuit Voltage(Voc) [V]**: 44.80
- **Max Power Voltage(Vmp) [V]**: 37.05
- **Max Power Current(Imp) [A]**: 7.69
- **NOCT**: Irradiance 800W/m², ambient temperature 20℃, wind speed 1m/s, AM1.5G

**CHARACTERISTICS**

**Current-Voltage Curve** JAM72S10-400/PR/1500V

**Power-Voltage Curve** JAM72S10-400/PR/1500V

**Current-Voltage Curve** JAM72S10-400/PR/1500V