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
**OPERATING CONDITIONS**

- **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

**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></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temperature Coefficient of Isc (α_Isc)</td>
<td>+0.051%/°C</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Temperature Coefficient of Voc (β_Voc)</td>
<td>-0.289%/°C</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Temperature Coefficient of Pmax (γ_Pmp)</td>
<td>-0.350%/°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
- **STC**: Irradiance 1000W/m², cell temperature 25°C, AM1.5G

**ELECTRICAL PARAMETERS AT NOCT**

- **Irradiance**: 800W/m², ambient temperature 20°C, wind speed 1m/s, AM1.5G

**CHARACTERISTICS**

- **Current-Voltage Curve**
- **Power-Voltage Curve**
- **Current-Voltage Curve**

**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**: PV-ZH102B, PV-KST4-EV02/xy, PV-KBT4-EV02/xy, QC4.10-35/45, TL-Cable01S-F, UTXCFA4AM, UTXCM4AAM
- **Country of Manufacturer**: China/Vietnam

**MECHANICAL DIAGRAMS**

- **Cell**: Weight 22.7kg±3%
- **Dimensions**: 2015±2mm×996±2mm×40±1mm
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- **Connector**: PV-ZH102B, PV-KST4-EV02/xy, PV-KBT4-EV02/xy, QC4.10-35/45, TL-Cable01S-F, UTXCFA4AM, UTXCM4AAM
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**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.