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
JAM60S08  310-330/PR/1000V

**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>JAM60S08-310/PR/1000V</th>
<th>JAM60S08-315/PR/1000V</th>
<th>JAM60S08-320/PR/1000V</th>
<th>JAM60S08-325/PR/1000V</th>
<th>JAM60S08-330/PR/1000V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Maximum Power(Pmax) [W]</td>
<td>310</td>
<td>315</td>
<td>320</td>
<td>325</td>
<td>330</td>
</tr>
<tr>
<td>Open Circuit Voltage(Voc) [V]</td>
<td>39.61</td>
<td>39.93</td>
<td>40.22</td>
<td>40.56</td>
<td>40.84</td>
</tr>
<tr>
<td>Maximum Power Voltage(Vmp) [V]</td>
<td>32.78</td>
<td>33.07</td>
<td>33.34</td>
<td>33.65</td>
<td>33.91</td>
</tr>
<tr>
<td>Short Circuit Current(Isoc) [A]</td>
<td>10.03</td>
<td>10.10</td>
<td>10.16</td>
<td>10.22</td>
<td>10.29</td>
</tr>
<tr>
<td>Module Efficiency [%]</td>
<td>18.6</td>
<td>18.9</td>
<td>19.2</td>
<td>19.5</td>
<td>19.8</td>
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</table>

**ELECTRICAL PARAMETERS AT NOCT**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>JAM60S08-310/PR/1000V</th>
<th>JAM60S08-315/PR/1000V</th>
<th>JAM60S08-320/PR/1000V</th>
<th>JAM60S08-325/PR/1000V</th>
<th>JAM60S08-330/PR/1000V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Max Power(Pmax) [W]</td>
<td>229</td>
<td>233</td>
<td>237</td>
<td>241</td>
<td>244</td>
</tr>
<tr>
<td>Open Circuit Voltage(Voc) [V]</td>
<td>36.61</td>
<td>36.93</td>
<td>37.15</td>
<td>37.38</td>
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<tr>
<td>Max Power Voltage(Vmp) [V]</td>
<td>32.77</td>
<td>33.06</td>
<td>33.31</td>
<td>33.54</td>
<td>33.82</td>
</tr>
<tr>
<td>Short Circuit Current(Isoc) [A]</td>
<td>8.02</td>
<td>8.08</td>
<td>8.14</td>
<td>8.20</td>
<td>8.25</td>
</tr>
<tr>
<td>Max Power Current(Impp) [A]</td>
<td>7.00</td>
<td>7.05</td>
<td>7.11</td>
<td>7.17</td>
<td>7.22</td>
</tr>
</tbody>
</table>

**CHARACTERISTICS**

- **Noct Current-Voltage Curve**  
  - JAM60S08-310/PR/1000V
- **Noct Power-Voltage Curve**  
  - JAM60S08-310/PR/1000V
- **Noct Current-Voltage Curve**  
  - JAM60S08-310/PR/1000V

**SPECIFICATIONS**

- **Cell**: Mono
- **Weight**: 18.5kg±3%
- **Dimensions**: 1678mm×991mm×35mm
- **Cable Cross Section Size**: 4mm²
- **No. of cells**: 120(6x20)
- **Connector**: Genuine MC4 / QC4.10
- **Country of Manufacturer**: China/Vietnam

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.

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