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.

**345W PERC Half-Cell Module**

**JAM60S10 325-345/PR/1500V Series**

**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**: 1500V DC (IEC)
- **Operating Temperature**: -40°C to +85°C
- **Maximum Series Fuse**: 20A
- **Maximum Static Load, Front**: 3600 Pa, 1.5
- **Maximum Static Load, Back**: 1600 Pa, 1.5
- **NOCT**: 45±2°C
- **Application Class**: Class A

**ELECTRICAL PARAMETERS AT STC**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>JAM60S10-325/PR/1500V</th>
<th>JAM60S10-330/PR/1500V</th>
<th>JAM60S10-335/PR/1500V</th>
<th>JAM60S10-340/PR/1500V</th>
<th>JAM60S10-345/PR/1500V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Max Power (Pmax) [W]</td>
<td>325</td>
<td>330</td>
<td>335</td>
<td>340</td>
<td>345</td>
</tr>
<tr>
<td>Open Circuit Voltage (Voc) [V]</td>
<td>40.56</td>
<td>40.84</td>
<td>41.12</td>
<td>41.36</td>
<td>41.61</td>
</tr>
<tr>
<td>Max Power Voltage (Vmp) [V]</td>
<td>33.87</td>
<td>34.13</td>
<td>34.36</td>
<td>34.63</td>
<td>34.90</td>
</tr>
<tr>
<td>Short Circuit Current (Isc) [A]</td>
<td>10.23</td>
<td>10.30</td>
<td>10.38</td>
<td>10.46</td>
<td>10.53</td>
</tr>
<tr>
<td>Module Efficiency [%]</td>
<td>19.3</td>
<td>19.6</td>
<td>19.9</td>
<td>20.2</td>
<td>20.5</td>
</tr>
<tr>
<td>Power Tolerance</td>
<td>0~+5W</td>
<td></td>
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<tr>
<td>Temperature Coefficient of Isc (α_Isc)</td>
<td>+0.051%/°C</td>
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<tr>
<td>Temperature Coefficient of Voc (β_Voc)</td>
<td>-0.289%/°C</td>
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<tr>
<td>Temperature Coefficient of Pmax (γ_Pmp)</td>
<td>-0.350%/°C</td>
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</tr>
</tbody>
</table>

**ELECTRICAL PARAMETERS AT NOCT**

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

**CHARACTERISTICS**

- Current-Voltage Curve: JAM60S10-330/PR/1500V
- Power-Voltage Curve: JAM60S10-330/PR/1500V
- Current-Voltage Curve: JAM60S10-330/PR/1500V