**Introduction**

The modules assembled with half cells not only generate more power output, but also perform better during daily operation as a result of lower temperature coefficient of power, along with reduced shading effect on the energy generation, lower risk of hot spot, and enhanced tolerance for mechanical loading.

**Poly 350W Half-Cell Module**

JAP72S10 330-350/SC/1500V Series

**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

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Higher output power  
Lower temperature coefficient  
Less shading effect  
Better mechanical loading tolerance
**OPERATING CONDITIONS**

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</thead>
<tbody>
<tr>
<td>Maximum System Voltage</td>
<td>1500V DC (IEC)</td>
<td></td>
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<tr>
<td>Operating Temperature</td>
<td>-40°C ~ 85°C</td>
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<tr>
<td>Maximum Series Fuse</td>
<td>20A</td>
<td></td>
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<tr>
<td>Maximum Static Load, Front*</td>
<td>3600Pa, 1.5</td>
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<tr>
<td>Maximum Static Load, Back*</td>
<td>1600Pa, 1.5</td>
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<tr>
<td>NOCT</td>
<td>45 ± 2°C</td>
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<tr>
<td>Application Class</td>
<td>Class A</td>
<td></td>
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</table>

**CHARACTERISTICS**

- Current-Voltage Curve: JAP72S10-340/SC/1500V
- Power-Voltage Curve: JAP72S10-340/SC/1500V
- Current-Voltage Curve: JAP72S10-340/SC/1500V

**SPECIFICATIONS**

- Cell: Poly
- Weight: 22.7kg ± 3%
- Dimensions: 2015±2mm × 996±2mm × 40±1mm
- Cable Cross Section Size: 4mm²
- No. of cells: 144 (6×24)
- Connector: PV-ZH202B, PV-KST4-EV02/xy, PV-KBT4-EV02/xy, QC4.10-35/45, TL-Cable01S-F, UTXCFA4AM, UTXCMA4AM
- Country of Manufacturer: China/Vietnam

**ELECTRICAL PARAMETERS AT STC**

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<tbody>
<tr>
<td>Rated Maximum Power (Pmax) [W]</td>
<td>330</td>
<td>335</td>
<td>340</td>
<td>345</td>
<td>350</td>
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<tr>
<td>Open Circuit Voltage (Voc) [V]</td>
<td>45.54</td>
<td>45.73</td>
<td>45.89</td>
<td>46.07</td>
<td>46.27</td>
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<tr>
<td>Maximum Power Voltage (Vmp) [V]</td>
<td>37.72</td>
<td>37.90</td>
<td>38.08</td>
<td>38.25</td>
<td>38.43</td>
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<tr>
<td>Maximum Power Current (Imp) [A]</td>
<td>8.75</td>
<td>8.84</td>
<td>8.93</td>
<td>9.02</td>
<td>9.11</td>
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<tr>
<td>Module Efficiency [%]</td>
<td>16.4</td>
<td>16.7</td>
<td>16.9</td>
<td>17.2</td>
<td>17.4</td>
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</tbody>
</table>

**Measurement tolerance at STC: Pmax ± 3%, Voc ± 2%, Isc ± 4%**

**ELECTRICAL PARAMETERS AT NOCT**

- Irradiance 800W/m², ambient temperature 20°C, AM1.5G
- NOCT: 45 ± 2°C

**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.

*For NexTracker installations, static loading performance: front load measures 2400Pa, while back load measures 2400Pa.

**Remark:** Customized frame color and cable length available upon request.

**Operating Conditions**

- Maximum System Voltage: 1500V 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