AXIpower

72 cell polycrystalline
High performance photovoltaic module

German engineered – made for America

12 years manufacturer’s warranty
Two more years than industry standard

Highest performance due to specifically selected technologies and materials

Positive power tolerance from 0-5 Wp
Higher guaranteed yield

Snow load of up to 50 psf
Stable module for a long life in extreme conditions

100 % electroluminescence inspection
Micro crack and hotspot free modules

High quality junction box and connector system for a longer life time

Exclusive linear AXITEC high performance guarantee!

• 15 years manufacturer's guarantee on 90% of the nominal performance
• 25 years manufacturer's guarantee on 85% of the nominal performance

AXITEC Warranty Added Value!

1 - 8 % more power after 25 years

Module Fire Performance:
TYPE 1 (UL 1703)
CLASS C (IEC61730)
Electrical data (at standard conditions (STC) irradiance 1000 watt/m², spectrum AM 1.5 at a cell temperature of 25°C)

<table>
<thead>
<tr>
<th>Type</th>
<th>Nominal output Pmpp</th>
<th>Nominal voltage Umpp</th>
<th>Nominal current Impp</th>
<th>Short circuit current Isc</th>
<th>Open circuit voltage Uoc</th>
<th>Module conversion efficiency</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC-320P/156-72S</td>
<td>320 Wp</td>
<td>37.39 V</td>
<td>8.58 A</td>
<td>9.18 A</td>
<td>45.59 V</td>
<td>16.49 %</td>
</tr>
<tr>
<td>AC-325P/156-72S</td>
<td>325 Wp</td>
<td>37.49 V</td>
<td>8.67 A</td>
<td>9.22 A</td>
<td>45.70 V</td>
<td>16.75 %</td>
</tr>
<tr>
<td>AC-330P/156-72S</td>
<td>330 Wp</td>
<td>37.70 V</td>
<td>8.76 A</td>
<td>9.27 A</td>
<td>45.83 V</td>
<td>17.01 %</td>
</tr>
</tbody>
</table>

Limit values
- System voltage: 1000 VDC (UL) 1000 VDC (IEC)
- NOCT (nominal operating cell temperature): 45°C +/-2K
- Max. load-carrying capacity: 50 PSF
- Reverse current feed IR: 15.0 A
- Permissible operating temperature: -40°C to 85°C / -40°F to 185°F
- (No external voltages greater than Vo may be applied to the module)

* NOCT, irradiance 800 W/m²; AM 1.5; wind speed 1 m/s; Temperature 20°C

Temperature coefficients
- Voltage Uoc: -0.30 %/K
- Current Isc: 0.04 %/K
- Output Pmpp: -0.42 %/K

Low-light performance (Example for AC-320P/156-72S)

<table>
<thead>
<tr>
<th>I-U characteristic curve</th>
<th>Current lpp</th>
<th>Voltage Upp</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 W/m²</td>
<td>1.80 A</td>
<td>35.97 V</td>
</tr>
<tr>
<td>400 W/m²</td>
<td>3.07 A</td>
<td>35.99 V</td>
</tr>
<tr>
<td>600 W/m²</td>
<td>5.51 A</td>
<td>36.91 V</td>
</tr>
<tr>
<td>800 W/m²</td>
<td>6.95 A</td>
<td>37.32 V</td>
</tr>
<tr>
<td>1000 W/m²</td>
<td>8.58 A</td>
<td>37.39 V</td>
</tr>
</tbody>
</table>

Packaging
- Module pieces per pallet: 25
- Module pieces per HC-container: 550