Amorphous Silicon Solar Cells Specification
アモルファスシリコン太陽電池 仕様

Model: AM-1816CA

1. Outside dimensions 外形寸法

Light Receiving Side (受光面)  Overcoat Side (オーバーコート面)

Glass Juts (4 Corners)
Width: 0.5MAX  Length: 5MAX

Effective Area (1.0)

(1.0)  94.7±0.2  (1.0)

Effective Area

(dimension:mm)

Lead Wires: AWG30
a: 104  b: 104

Note
Glass Substrate Thickness (ガラス基板厚): 1.1mm±0.1
Module Thickness (モジュール厚): 1.3mmMAX
Wire-Solder thickness: 2.5mmMAX (including Module)
(ワイヤ・溶接厚:含む)

2. Rated Specifications (at 25°C)

<table>
<thead>
<tr>
<th>Item</th>
<th>Specifications (Initial)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1 Open circuit voltage: Voc</td>
<td>Typical 4.9V at 200Lx FL</td>
</tr>
<tr>
<td>2.2 Short circuit Current: Isc</td>
<td>Typical 94.0μA at 200Lx FL</td>
</tr>
<tr>
<td>2.3 Operating Voltage &amp; Operating Current: Vop/Vcpe-Iope</td>
<td>Typical 2.6V - 21.0μA at 50Lx FL&lt;br&gt;Minimum 3.0V - 63.0μA at 200Lx FL&lt;br&gt;Typical 3.0V - 84.0μA at 200Lx FL</td>
</tr>
<tr>
<td>2.5 Working temperature range: Topr</td>
<td>-10 to 60°C</td>
</tr>
<tr>
<td>2.6 Storage temperature range: Tstg</td>
<td>-20 to 70°C</td>
</tr>
<tr>
<td>2.7 Working illuminance range</td>
<td>~1000Lx</td>
</tr>
</tbody>
</table>

FL: White Fluorescent Light

Panasonic Eco Solutions Amorton Co., Ltd.
*The data are meant to show standard electric characteristics only, not intended to guarantee the characteristics.

*このデータは標準的な出力特性を示すものであり、特性を保証するものではありません。
*The data are meant to show standard electric characteristics only, not intended to guarantee the characteristics.

Panasonic Eco Solutions Amorton Co.,Ltd.

2014/1/10
*The data are meant to show standard electric characteristics only, not intended to guarantee the characteristics.