Amorphous Silicon PV Modules

- Greater actually generated watt-power compared to crystalline silicon PV modules.
- Superior performance under high temperature during summer makes a real difference in actual generated watt-power.
- Stable power output over long periods for outstanding reliability.
- Shorter EPT (Energy Pay-back Time).
- Compliant with the requirements of IEC 61646.

Applications

- Telecommunications
- Cathodic protection
- Water pumping
- Signaling
- Rural electrification
- Commercial Building
- Radio relay stations
- Traffic signs
- Beacons
- Solar home system
- Grid connected large scale system

<table>
<thead>
<tr>
<th>MODEL</th>
<th>NOMINAL VOLTAGE</th>
<th>MAXIMUM POWER (Pmax)</th>
<th>OPEN CIRCUIT VOLTAGE (Voc)</th>
<th>SHORT CIRCUIT CURRENT (Isc)</th>
<th>VOLTAGE AT MAXIMUM POWER (Vpm)</th>
<th>CURRENT AT MAXIMUM POWER (Impm)</th>
<th>DIMENSIONS (W x H x D) (mm.)</th>
<th>WEIGHT (kg.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEC-3024</td>
<td>24</td>
<td>30 W</td>
<td>42.9 V</td>
<td>1.17 A</td>
<td>31.0 V</td>
<td>0.96 A</td>
<td>950 x 465 x 40</td>
<td>5.5</td>
</tr>
<tr>
<td>LEC-5048</td>
<td>48</td>
<td>50 W</td>
<td>85.7 V</td>
<td>1.15 A</td>
<td>64.6 V</td>
<td>0.78 A</td>
<td>920 x 920 x 40</td>
<td>12.9</td>
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<tr>
<td>LEC-6048</td>
<td>48</td>
<td>60 W</td>
<td>92 V</td>
<td>1.19 A</td>
<td>67 V</td>
<td>0.90 A</td>
<td>990 x 960 x 40</td>
<td>13.7</td>
</tr>
</tbody>
</table>

Note: The test conditions (STC) 1 kW/m², 25°C, AM 1.5. Above specification are subject to change without prior notice.