Manufacturer: Solectria Renewables, LLC

Model #: PVI13kW-480

Rated Maximum Continuous Output Power: 13.698 kW  Night Tare Loss: -11.36 W

Vmin: 225 Vdc  Vnom: 270 Vdc  Vmax: 380 Vdc

<table>
<thead>
<tr>
<th>Power Level (%, kW)</th>
<th>10%</th>
<th>20%</th>
<th>30%</th>
<th>50%</th>
<th>75%</th>
<th>100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Voltage (Vdc)</td>
<td>1.37</td>
<td>2.74</td>
<td>4.11</td>
<td>6.85</td>
<td>10.27</td>
<td>13.70</td>
</tr>
<tr>
<td>Vmin 225 Vdc</td>
<td>93.3</td>
<td>95.8</td>
<td>96.3</td>
<td>96.4</td>
<td>96.1</td>
<td>95.6</td>
</tr>
<tr>
<td>Vnom 270 Vdc</td>
<td>93.6</td>
<td>96.0</td>
<td>96.4</td>
<td>96.4</td>
<td>96.1</td>
<td>95.6</td>
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<tr>
<td>Vmax 380 Vdc</td>
<td>93.2</td>
<td>96.1</td>
<td>96.5</td>
<td>96.5</td>
<td>96.2</td>
<td>95.8</td>
</tr>
</tbody>
</table>

CEC Efficiency = 96.0%
Minimum of 5 samples required

<table>
<thead>
<tr>
<th>Specified</th>
<th>Sample #1</th>
<th>Sample #2</th>
<th>Sample #3</th>
<th>Sample #4</th>
<th>Sample #5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output Power (%) of rated</td>
<td>Input Voltage (Vdc)</td>
<td>Output Power (W)</td>
<td>Input Voltage (Vdc)</td>
<td>Efficiency (%)</td>
<td>Output Power (W)</td>
</tr>
<tr>
<td>10%</td>
<td>Vmin</td>
<td>1.202</td>
<td>225.971</td>
<td>93.309</td>
<td>1.203</td>
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<tr>
<td>20%</td>
<td>Vmin</td>
<td>2.643</td>
<td>225.658</td>
<td>95.930</td>
<td>2.630</td>
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<tr>
<td>30%</td>
<td>Vmin</td>
<td>4.037</td>
<td>225.750</td>
<td>96.151</td>
<td>4.039</td>
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<tr>
<td>50%</td>
<td>Vmin</td>
<td>5.902</td>
<td>226.058</td>
<td>96.403</td>
<td>5.905</td>
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<tr>
<td>20%</td>
<td>Vnom</td>
<td>2.717</td>
<td>270.532</td>
<td>95.975</td>
<td>2.717</td>
</tr>
<tr>
<td>30%</td>
<td>Vnom</td>
<td>4.009</td>
<td>270.464</td>
<td>96.403</td>
<td>4.008</td>
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<tr>
<td>50%</td>
<td>Vnom</td>
<td>6.231</td>
<td>270.700</td>
<td>96.453</td>
<td>6.236</td>
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<tr>
<td>20%</td>
<td>Vmax</td>
<td>2.687</td>
<td>378.584</td>
<td>96.094</td>
<td>2.683</td>
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<tr>
<td>100%</td>
<td>Vmax</td>
<td>12.577</td>
<td>378.548</td>
<td>95.778</td>
<td>12.574</td>
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