Manufacturer: PV Powered, Inc.

Model #: PVP30KW-208

Rated Maximum Continuous Output Power @25°C: 30.0 kW Night Tare Loss: 17.0 W
Rated Maximum Continuous Output Power @40°C: 30.0 kW Night Tare Loss: 17.0 W

Vmin: 330 Vdc  Vnom: 368 Vdc  Vmax: 480 Vdc

<table>
<thead>
<tr>
<th>Input Voltage (Vdc)</th>
<th>Power Level (%; kW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vmin 330</td>
<td>10% 20% 30% 50% 75% 100%</td>
</tr>
<tr>
<td>Vnom 368</td>
<td>89.8 93.6 94.5 94.7 94.6 94.1 94.37</td>
</tr>
<tr>
<td>Vmax 480</td>
<td>87.6 92.4 93.5 94.0 93.9 93.5 93.49</td>
</tr>
</tbody>
</table>

CEC Efficiency = 94.0%
### Inverter Efficiency Data

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><strong>Output Power</strong> (W)</td>
<td><strong>Input Voltage (Vdc)</strong></td>
<td><strong>Output Power</strong> (W)</td>
<td><strong>Input Voltage (Vdc)</strong></td>
<td><strong>Efficiency (%)</strong></td>
<td><strong>Output Power</strong> (W)</td>
</tr>
<tr>
<td>10% Vmin</td>
<td>2980.6</td>
<td>331.54</td>
<td>89.998</td>
<td>2980.6</td>
<td>331.48</td>
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<tr>
<td>20% Vmin</td>
<td>6544.7</td>
<td>331.16</td>
<td>93.585</td>
<td>6547.6</td>
<td>331.29</td>
</tr>
<tr>
<td>30% Vnom</td>
<td>9703.13</td>
<td>331.66</td>
<td>94.582</td>
<td>9691.4</td>
<td>331.59</td>
</tr>
<tr>
<td>50% Vmin</td>
<td>16426</td>
<td>330.61</td>
<td>94.733</td>
<td>16422</td>
<td>330.66</td>
</tr>
<tr>
<td>75% Vnom</td>
<td>21119.3</td>
<td>331.03</td>
<td>94.544</td>
<td>21090</td>
<td>330.86</td>
</tr>
<tr>
<td>100% Vnom</td>
<td>28577.7</td>
<td>331.13</td>
<td>94.132</td>
<td>28576</td>
<td>330.91</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specified</th>
<th>Sample #6</th>
<th>Sample #7</th>
<th>Sample #8</th>
<th>Sample #9</th>
<th>Sample #10</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Output Power</strong> (W)</td>
<td><strong>Input Voltage (Vdc)</strong></td>
<td><strong>Output Power</strong> (W)</td>
<td><strong>Input Voltage (Vdc)</strong></td>
<td><strong>Efficiency (%)</strong></td>
<td><strong>Output Power</strong> (W)</td>
</tr>
<tr>
<td>10% Vmin</td>
<td>2974.47</td>
<td>482.53</td>
<td>87.546</td>
<td>2975</td>
<td>482.7</td>
</tr>
<tr>
<td>20% Vmax</td>
<td>6553.8</td>
<td>481.84</td>
<td>92.467</td>
<td>6553.2</td>
<td>481.76</td>
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<tr>
<td>30% Vnom</td>
<td>9703.23</td>
<td>481.6</td>
<td>93.432</td>
<td>9696.5</td>
<td>481.61</td>
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<tr>
<td>50% Vmax</td>
<td>16448.7</td>
<td>482.12</td>
<td>93.849</td>
<td>16450</td>
<td>481.99</td>
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<tr>
<td>75% Vnom</td>
<td>21190</td>
<td>482.9</td>
<td>93.864</td>
<td>21194</td>
<td>483.12</td>
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<tr>
<td>100% Vmax</td>
<td>28550</td>
<td>481.35</td>
<td>93.457</td>
<td>28535</td>
<td>481.1</td>
</tr>
</tbody>
</table>

The table above shows the inverter efficiency data for various output powers and input voltages, with the efficiency expressed as a percentage of the rated power.