Manufacturer: PVPowered

Model #: PVP2800-XV

Rated Maximum Continuous Output Power: 2.80 kW  Night Tare Loss: 3.00 W

Vmin: 170 Vdc  Vnom: 229 Vdc  Vmax: 400 Vdc

<table>
<thead>
<tr>
<th>Power Level (%; kW)</th>
<th>Vmin</th>
<th>Vnom</th>
<th>Vmax</th>
</tr>
</thead>
<tbody>
<tr>
<td>10% 20% 30% 50% 75% 100%</td>
<td>0.28 0.56 0.84 1.40 2.10 2.80</td>
<td>87.5 87.4 82.3</td>
<td>94.1 93.2 90.7</td>
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</tbody>
</table>

CEC Efficiency = 94.5%
### 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>(% of rated)</td>
<td>(Vdc)</td>
<td>(kW)</td>
<td>(Vdc)</td>
<td>(%)</td>
<td>(kW)</td>
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<tr>
<td>10% Vmin</td>
<td>246.7</td>
<td>178.02</td>
<td>87.466</td>
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<td>246.73</td>
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<tr>
<td>20% Vmin</td>
<td>595.76</td>
<td>175.94</td>
<td>94.093</td>
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<td>595.84</td>
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<tr>
<td>30% Vmin</td>
<td>875.75</td>
<td>175.85</td>
<td>95.382</td>
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<td>50% Vmin</td>
<td>1535.3</td>
<td>176.14</td>
<td>96.003</td>
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<td>1534.8</td>
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<tr>
<td>75% Vmin</td>
<td>2023.7</td>
<td>180.65</td>
<td>95.805</td>
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<td>2024.5</td>
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<tr>
<td>100% Vmin</td>
<td>2695.2</td>
<td>193.37</td>
<td>95.226</td>
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<tr>
<td>10% Vnom</td>
<td>279.41</td>
<td>227.91</td>
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<tr>
<td>20% Vnom</td>
<td>593.09</td>
<td>230.48</td>
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<tr>
<td>30% Vnom</td>
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<td>229.25</td>
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<td>909.27</td>
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<tr>
<td>50% Vnom</td>
<td>1536.6</td>
<td>229.49</td>
<td>95.548</td>
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<tr>
<td>75% Vnom</td>
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<td>229.33</td>
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<td>2029.4</td>
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<tr>
<td>100% Vnom</td>
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<td>94.987</td>
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<tr>
<th>Specified</th>
<th>Sample #6</th>
<th>Sample #7</th>
<th>Sample #8</th>
<th>Sample #9</th>
<th>Sample #10</th>
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</thead>
<tbody>
<tr>
<td>(% of rated)</td>
<td>(Vdc)</td>
<td>(kW)</td>
<td>(Vdc)</td>
<td>(%)</td>
<td>(kW)</td>
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<tr>
<td>10% Vmax</td>
<td>266.22</td>
<td>402.19</td>
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<tr>
<td>20% Vmax</td>
<td>614.29</td>
<td>401.61</td>
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<tr>
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<td>401.98</td>
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<tr>
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<td>399.94</td>
<td>93.627</td>
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