Manufacturer: Connect Renewable Energy
Model #: CE4000

Rated Maximum Continuous Output Power @25°C: 3.000 kW  Night Tare Loss: 7.00 W
Rated Maximum Continuous Output Power @40°C: 3.000 kW  Night Tare Loss: 7.00 W

Vmin: 54 Vdc  Vnom: 62 Vdc  Vmax: 77 Vdc

<table>
<thead>
<tr>
<th>Input Voltage (Vdc)</th>
<th>Vmin</th>
<th>Vnom</th>
<th>Vmax</th>
</tr>
</thead>
<tbody>
<tr>
<td>10%</td>
<td>85.3</td>
<td>85.6</td>
<td>82.8</td>
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<tr>
<td>20%</td>
<td>92.8</td>
<td>91.7</td>
<td>89.3</td>
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<tr>
<td>30%</td>
<td>93.8</td>
<td>93.1</td>
<td>91.1</td>
</tr>
<tr>
<td>50%</td>
<td>94.4</td>
<td>94.4</td>
<td>93.8</td>
</tr>
<tr>
<td>75%</td>
<td>94.3</td>
<td>93.6</td>
<td>93.3</td>
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<tr>
<td>100%</td>
<td>93.4</td>
<td>92.6</td>
<td>93.2</td>
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<td>Wtd</td>
<td>93.8</td>
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<td>92.5</td>
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CEC Efficiency = 93.0%
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>
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<tbody>
<tr>
<td></td>
<td>Output Power</td>
<td>Input Voltage</td>
<td>Efficiency (%)</td>
<td>Output Power</td>
<td>Input Voltage</td>
</tr>
<tr>
<td>Output Power</td>
<td>(W)</td>
<td>(Vdc)</td>
<td>(%)</td>
<td>Output Power</td>
<td>(W)</td>
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<tr>
<td>10% Vmin</td>
<td>247.033</td>
<td>55.52</td>
<td>85.423</td>
<td>247.03</td>
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<tr>
<td>20% Vmin</td>
<td>596.4</td>
<td>55.56</td>
<td>92.82</td>
<td>596.13</td>
<td>55.58</td>
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<tr>
<td>30% Vmin</td>
<td>909.133</td>
<td>55.583</td>
<td>93.917</td>
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<td>55.26</td>
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<td>50% Vmin</td>
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<td>55.637</td>
<td>94.47</td>
<td>1541.9</td>
<td>55.39</td>
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<tr>
<td>75% Vmin</td>
<td>2229</td>
<td>55.37</td>
<td>94.235</td>
<td>2228</td>
<td>55.41</td>
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<tr>
<td>100% Vmin</td>
<td>2893</td>
<td>55.913</td>
<td>93.838</td>
<td>2907</td>
<td>55.616</td>
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<th>Sample #6</th>
<th>Sample #7</th>
<th>Sample #8</th>
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<tbody>
<tr>
<td></td>
<td>Output Power</td>
<td>Input Voltage</td>
<td>Efficiency (%)</td>
<td>Output Power</td>
<td>Input Voltage</td>
</tr>
<tr>
<td>Output Power</td>
<td>(W)</td>
<td>(Vdc)</td>
<td>(%)</td>
<td>Output Power</td>
<td>(W)</td>
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<th>Sample #12</th>
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<th>Sample #14</th>
<th>Sample #15</th>
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<td></td>
<td>Output Power</td>
<td>Input Voltage</td>
<td>Efficiency (%)</td>
<td>Output Power</td>
<td>Input Voltage</td>
</tr>
<tr>
<td>Output Power</td>
<td>(W)</td>
<td>(Vdc)</td>
<td>(%)</td>
<td>Output Power</td>
<td>(W)</td>
</tr>
<tr>
<td>10% Vmax</td>
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<td>82.783</td>
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