Manufacturer: Power Electronics

Model #: FS1001CU

Rated Maximum Continuous Output Power: 1000.0 kW

Night Tare Loss: -616 W

Vmin: 500 Vdc  Vnom: 575 Vdc  Vmax: 800 Vdc

<table>
<thead>
<tr>
<th>Input Voltage (Vdc)</th>
<th>10%</th>
<th>20%</th>
<th>30%</th>
<th>50%</th>
<th>75%</th>
<th>100%</th>
<th>Wtd</th>
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<tr>
<td>Vmin 500</td>
<td>95.4</td>
<td>97.0</td>
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<td>96.8</td>
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CEC Efficiency of Inverter and MV TP1 Transformer = 97.0%
Manufacturer: Power Electronics

Model #: FS1001CU (330Vac)

Rated Maximum Continuous Output Power: 1000.0 kW
Night Tare Loss: -616 W

Vmin: 500 Vdc  Vnom: 575 Vdc  Vmax: 800 Vdc

<table>
<thead>
<tr>
<th>Input Voltage (Vdc)</th>
<th>10%</th>
<th>20%</th>
<th>30%</th>
<th>50%</th>
<th>75%</th>
<th>100%</th>
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<td>Vnom 575</td>
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Inverter Efficiency only = 98.0%

1000KVA TP1 MV Transformer Efficiency

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<th>30%</th>
<th>50%</th>
<th>75%</th>
<th>100%</th>
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</thead>
<tbody>
<tr>
<td>Vmin 500</td>
<td>97.35</td>
<td>98.69</td>
<td>99.03</td>
<td>99.1</td>
<td>98.9</td>
<td>98.59</td>
</tr>
<tr>
<td>Vnom 575</td>
<td>97.35</td>
<td>98.69</td>
<td>99.03</td>
<td>99.1</td>
<td>98.9</td>
<td>98.59</td>
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<tr>
<td>Vmax 800</td>
<td>97.35</td>
<td>98.69</td>
<td>99.03</td>
<td>99.1</td>
<td>98.9</td>
<td>98.59</td>
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### Inverter Efficiency Data

Minimum of 5 samples required

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<tr>
<th>Specified</th>
<th>Sample #1</th>
<th>Sample #2</th>
<th>Sample #3</th>
<th>Sample #4</th>
<th>Sample #5</th>
<th>Sample #6</th>
<th>Sample #7</th>
<th>Sample #8</th>
<th>Sample #9</th>
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<tr>
<td>(% of rated)</td>
<td>(W)</td>
<td>(Vdc)</td>
<td>(%)</td>
<td>(W)</td>
<td>(Vdc)</td>
<td>(%)</td>
<td>(W)</td>
<td>(Vdc)</td>
<td>(%)</td>
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