Manufacturer: SMA Technologies AG

Model #: SB6000US, 277Vac

Rated Maximum Continuous Output Power: 6.00 kW
Night Tare Loss: 1.41 W

Vmin: 250 Vdc
Vnom: 310 Vdc
Vmax: 480 Vdc

<table>
<thead>
<tr>
<th>Input Voltage (Vdc)</th>
<th>Power Level (%; kW)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10%</td>
</tr>
<tr>
<td>Vmin 250</td>
<td>92.3</td>
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<tr>
<td>Vnom 310</td>
<td>91.3</td>
</tr>
<tr>
<td>Vmax 480</td>
<td>87.8</td>
</tr>
</tbody>
</table>

CEC Efficiency = 96.0%
### 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>Output Power (W)</td>
<td>Input Voltage (Vdc)</td>
<td>Efficiency (%)</td>
<td>Output Power (W)</td>
<td>Input Voltage (Vdc)</td>
<td>Efficiency (%)</td>
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<tr>
<td>10% Vmin</td>
<td>592.7</td>
<td>250.1</td>
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<td>592.9</td>
<td>250.1</td>
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<tr>
<td>20% Vnom</td>
<td>1302.8</td>
<td>252.2</td>
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<td>30% Vmin</td>
<td>1919.3</td>
<td>250.3</td>
<td>97.086</td>
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<tr>
<td>50% Vnom</td>
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<td>97.428</td>
<td>2719</td>
<td>250.3</td>
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<tr>
<td>75% Vmin</td>
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<td>250.5</td>
<td>96.847</td>
<td>4228</td>
<td>250.5</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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</tr>
<tr>
<td>10% Vmax</td>
<td>589.7</td>
<td>478.7</td>
<td>87.869</td>
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<tr>
<td>20% Vnom</td>
<td>1299.6</td>
<td>478.7</td>
<td>93.712</td>
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<tr>
<td>30% Vmax</td>
<td>1924</td>
<td>478.7</td>
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<td>478.9</td>
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<tr>
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<th>Sample #12</th>
<th>Sample #13</th>
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<tr>
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