Manufacturer: SMA Technologie AG
Model #: SB6000US, 240Vac

Rated Maximum Continuous Output Power: 6.00 kW  Night Tare Loss: 0.72 W

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

<table>
<thead>
<tr>
<th>Input Voltage (Vdc)</th>
<th>Power Level (%; kW)</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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<tbody>
<tr>
<td>Vmin 250</td>
<td>0.60</td>
<td>92.6</td>
<td>96.1</td>
<td>96.5</td>
<td>96.8</td>
<td>96.7</td>
<td>96.0</td>
<td>96.4</td>
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<tr>
<td>Vnom 310</td>
<td>1.20</td>
<td>91.3</td>
<td>95.6</td>
<td>96.0</td>
<td>96.3</td>
<td>96.3</td>
<td>95.9</td>
<td>96.0</td>
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<tr>
<td>Vmax 480</td>
<td>1.80</td>
<td>87.9</td>
<td>93.6</td>
<td>94.8</td>
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<td>95.0</td>
<td>94.8</td>
<td>94.7</td>
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CEC Efficiency = 95.5%
### 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>
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</thead>
<tbody>
<tr>
<td>10%</td>
<td>Vmin</td>
<td>594.5</td>
<td>250.1</td>
<td>92.646</td>
<td>594.6</td>
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<td>20%</td>
<td>Vmin</td>
<td>1309.1</td>
<td>250.2</td>
<td>96.304</td>
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<td>30%</td>
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<td>250.2</td>
<td>96.562</td>
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<td>250.4</td>
<td>96.857</td>
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<td>96.069</td>
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<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>Output Voltage</td>
<td>Output Power (W)</td>
<td>Input Voltage (Vdc)</td>
<td>Efficiency (%)</td>
<td>Output Voltage</td>
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<tr>
<td>10%</td>
<td>Vmin</td>
<td>588.3</td>
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<td>96.519</td>
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<td>Vnom</td>
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<td>310.1</td>
<td>95.906</td>
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<tr>
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<th>Sample #9</th>
<th>Sample #10</th>
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<tbody>
<tr>
<td>(% of rated)</td>
<td>Output Voltage</td>
<td>Output Power (W)</td>
<td>Input Voltage (Vdc)</td>
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<tr>
<td>10%</td>
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<td>582.2</td>
<td>478.7</td>
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<tr>
<td>20%</td>
<td>Vmax</td>
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<tr>
<td>30%</td>
<td>Vmax</td>
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<td>Vmax</td>
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