Manufacturer: SolarEdge Technologies Ltd

Model #: SE14.4KUS

Rated Maximum Continuous Output Power: 14.510 kW
Night Tare Loss: -4.16 W

Vmin: 400 Vdc
Vnom: 460 Vdc
Vmax: 600 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>
</tr>
</thead>
<tbody>
<tr>
<td>Vmin 400</td>
<td></td>
<td>95.9</td>
<td>97.3</td>
<td>97.5</td>
<td>97.5</td>
<td>97.0</td>
<td>96.6</td>
<td>97.1</td>
</tr>
<tr>
<td>Vnom 460</td>
<td></td>
<td>95.2</td>
<td>97.1</td>
<td>97.2</td>
<td>97.3</td>
<td>97.2</td>
<td>96.8</td>
<td>97.1</td>
</tr>
<tr>
<td>Vmax 600</td>
<td></td>
<td>94.7</td>
<td>96.3</td>
<td>96.7</td>
<td>96.9</td>
<td>96.4</td>
<td>96.2</td>
<td>96.4</td>
</tr>
</tbody>
</table>

CEC Efficiency = 97.0%
## 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>(%) of rated</td>
<td>(% of rated)</td>
<td>(% of rated)</td>
<td>(% of rated)</td>
<td>(% of rated)</td>
<td>(% of rated)</td>
</tr>
<tr>
<td>(Vdc)</td>
<td>(W)</td>
<td>(Vdc)</td>
<td>(W)</td>
<td>(Vdc)</td>
<td>(W)</td>
</tr>
<tr>
<td>10% Vmin</td>
<td>1.3145</td>
<td>399.81</td>
<td>95.948</td>
<td>1.314</td>
<td>399.85</td>
</tr>
<tr>
<td>20% Vmin</td>
<td>2.9095</td>
<td>399.76</td>
<td>97.309</td>
<td>2.909</td>
<td>399.77</td>
</tr>
<tr>
<td>30% Vmin</td>
<td>4.4967</td>
<td>399.95</td>
<td>97.542</td>
<td>4.497</td>
<td>399.94</td>
</tr>
<tr>
<td>50% Vmin</td>
<td>7.22</td>
<td>400.08</td>
<td>97.480</td>
<td>7.22</td>
<td>399.77</td>
</tr>
<tr>
<td>75% Vmin</td>
<td>10.38</td>
<td>399.85</td>
<td>97.009</td>
<td>10.38</td>
<td>399.87</td>
</tr>
<tr>
<td>100% Vmin</td>
<td>13.82</td>
<td>399.72</td>
<td>96.643</td>
<td>13.82</td>
<td>399.72</td>
</tr>
<tr>
<td>10% Vnom</td>
<td>1.3054</td>
<td>459.71</td>
<td>95.285</td>
<td>1.305</td>
<td>459.86</td>
</tr>
<tr>
<td>20% Vnom</td>
<td>2.8938</td>
<td>459.9</td>
<td>97.106</td>
<td>2.894</td>
<td>459.89</td>
</tr>
<tr>
<td>30% Vnom</td>
<td>4.5</td>
<td>459.79</td>
<td>97.192</td>
<td>4.5</td>
<td>459.74</td>
</tr>
<tr>
<td>50% Vnom</td>
<td>7.22</td>
<td>459.96</td>
<td>97.305</td>
<td>7.22</td>
<td>459.96</td>
</tr>
<tr>
<td>75% Vnom</td>
<td>10.4</td>
<td>459.68</td>
<td>97.196</td>
<td>10.4</td>
<td>459.66</td>
</tr>
<tr>
<td>100% Vnom</td>
<td>13.843</td>
<td>459.58</td>
<td>96.807</td>
<td>13.84</td>
<td>459.52</td>
</tr>
<tr>
<td>10% Vmax</td>
<td>1.3168</td>
<td>599.22</td>
<td>94.736</td>
<td>1.316</td>
<td>599.18</td>
</tr>
<tr>
<td>20% Vmax</td>
<td>2.8862</td>
<td>599.44</td>
<td>96.314</td>
<td>2.889</td>
<td>599.45</td>
</tr>
<tr>
<td>30% Vmax</td>
<td>4.5167</td>
<td>599.22</td>
<td>96.717</td>
<td>4.51</td>
<td>599.24</td>
</tr>
<tr>
<td>50% Vmax</td>
<td>7.2333</td>
<td>599.53</td>
<td>96.918</td>
<td>7.23</td>
<td>599.54</td>
</tr>
<tr>
<td>75% Vmax</td>
<td>10.41</td>
<td>599.1</td>
<td>96.389</td>
<td>10.41</td>
<td>599.13</td>
</tr>
<tr>
<td>100% Vmax</td>
<td>13.85</td>
<td>599.05</td>
<td>96.181</td>
<td>13.85</td>
<td>599.07</td>
</tr>
</tbody>
</table>

## Continued Table:

<table>
<thead>
<tr>
<th>Specified</th>
<th>Sample #6</th>
<th>Sample #7</th>
<th>Sample #8</th>
<th>Sample #9</th>
<th>Sample #10</th>
</tr>
</thead>
<tbody>
<tr>
<td>(%) of rated</td>
<td>(% of rated)</td>
<td>(% of rated)</td>
<td>(% of rated)</td>
<td>(% of rated)</td>
<td>(% of rated)</td>
</tr>
<tr>
<td>(Vdc)</td>
<td>(W)</td>
<td>(Vdc)</td>
<td>(W)</td>
<td>(Vdc)</td>
<td>(W)</td>
</tr>
<tr>
<td>10% Vmin</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20% Vmin</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30% Vmin</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50% Vmin</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>75% Vmin</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100% Vmin</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10% Vnom</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20% Vnom</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30% Vnom</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50% Vnom</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>75% Vnom</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100% Vnom</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10% Vmax</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20% Vmax</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30% Vmax</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50% Vmax</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>75% Vmax</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100% Vmax</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>