Manufacturer: Kostal Solar Electric GmbH  
Model #: Piko 5.3 US

Rated Maximum Continuous Output Power @25°C: 5.300 kW  
Rated Maximum Continuous Output Power @40°C: 5.300 kW  

Night Tare Loss: -0.96 W

Vmin: 230 Vdc  
Vnom: 380 Vdc  
Vmax: 480 Vdc

<table>
<thead>
<tr>
<th>Power Level (%; kW)</th>
<th>10%</th>
<th>20%</th>
<th>30%</th>
<th>50%</th>
<th>75%</th>
<th>100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Voltage (Vdc)</td>
<td></td>
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<tr>
<td>Vmin 230</td>
<td>0.53</td>
<td>1.06</td>
<td>1.59</td>
<td>2.65</td>
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<tr>
<td>Vnom 380</td>
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<tr>
<td>Vmax 480</td>
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<td>94.1</td>
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CEC Efficiency = 94.0%
### Inverter Efficiency Data

<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 (W) (Vdc) (%)</td>
<td>Output Power</td>
<td>Input Voltage</td>
</tr>
<tr>
<td>10% Vmin</td>
<td>477.99</td>
<td>231.16</td>
<td>90.49</td>
<td>478.31</td>
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<td>20% Vmin</td>
<td>1061.17</td>
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<td>232.12</td>
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<td>50% Vmin</td>
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<td>93.40</td>
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<tr>
<td>75% Vmin</td>
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<td>229.04</td>
<td>93.45</td>
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<td>100% Vmin</td>
<td>5089.07</td>
<td>233.24</td>
<td>93.23</td>
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<tbody>
<tr>
<td></td>
<td>Output Power</td>
<td>Input Voltage</td>
<td>Efficiency (W) (Vdc) (%)</td>
<td>Output Power</td>
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<th>Sample #12</th>
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<th>Sample #15</th>
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<tbody>
<tr>
<td></td>
<td>Output Power</td>
<td>Input Voltage</td>
<td>Efficiency (W) (Vdc) (%)</td>
<td>Output Power</td>
<td>Input Voltage</td>
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<td>10% Vmax</td>
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</table>

Minimum of 5 samples required.