Manufacturer: LG Electronics Inc. Solar Biz. Division
Model #: LM305UE-G1 (208Vac, 60Hz)

Rated Maximum Continuous Output Power: 304.00 W  
Night Tare Loss: -0.09 W

Vmin: 27 Vdc  
Vnom: 32 Vdc  
Vmax: 38 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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<tbody>
<tr>
<td>Vmin 27</td>
<td>93.9</td>
<td>95.7</td>
<td>96.1</td>
<td>96.2</td>
<td>95.9</td>
<td>95.3</td>
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<td>95.6</td>
<td>96.2</td>
<td>96.4</td>
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<tr>
<td>Vmax 38</td>
<td>93.5</td>
<td>95.4</td>
<td>96.2</td>
<td>96.4</td>
<td>96.4</td>
<td>96.1</td>
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</table>

CEC Efficiency = 96.0%
## Inverter Efficiency Data

**Minimum of 5 samples required**

<table>
<thead>
<tr>
<th>Specified Voltage (%)</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></td>
<td>Output Power (W)</td>
<td>Input Voltage (Vdc)</td>
<td>Efficiency (%)</td>
<td>Output Power (W)</td>
<td>Input Voltage (Vdc)</td>
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<td>10% Vmin</td>
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<td>20% Vmin</td>
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<td>27.00</td>
<td>95.63</td>
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<td>50% Vmin</td>
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<td>96.14</td>
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<tr>
<td>75% Vmin</td>
<td>210.70</td>
<td>27.10</td>
<td>95.88</td>
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<td>100% Vmin</td>
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<td>27.05</td>
<td>95.33</td>
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