<table>
<thead>
<tr>
<th>Variable</th>
<th>Efficient UPS</th>
<th>Inefficient UPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated capacity (watts)</td>
<td>1,000</td>
<td>1,000</td>
</tr>
<tr>
<td>Full-load efficiency</td>
<td>95%</td>
<td>80%</td>
</tr>
<tr>
<td>Total power consumption at 100% load (watts)</td>
<td>1,053</td>
<td>1,250</td>
</tr>
<tr>
<td>Annual hours of operation</td>
<td>8,760</td>
<td>8,760</td>
</tr>
<tr>
<td>Annual energy consumption (kWh)</td>
<td>9,221</td>
<td>10,950</td>
</tr>
<tr>
<td>Emission factor (kg CO$_2$e/kWh)</td>
<td>0.231</td>
<td>0.062</td>
</tr>
<tr>
<td><strong>Total carbon emissions (kg CO$_2$e)</strong></td>
<td><strong>2,130</strong></td>
<td><strong>679</strong></td>
</tr>
</tbody>
</table>

Efficient UPS emissions are 3.1 times greater than inefficient UPSs