Technical specification

Winston LFP200AHA cell
# Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>LFP200AHA</th>
<th>Alternative product marking TS-LFP200AHA, WB-LYP200AHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model name</td>
<td>LFP200AHA</td>
<td></td>
</tr>
<tr>
<td>Nominal voltage</td>
<td>3.2 V</td>
<td>Operating voltage under load is 3.0 V</td>
</tr>
<tr>
<td>Capacity</td>
<td>200 AH</td>
<td>+/- 5%</td>
</tr>
<tr>
<td>Operating voltage</td>
<td>max 3.8V - min 2.8V</td>
<td>At 80% DOD</td>
</tr>
<tr>
<td>Deep discharge voltage</td>
<td>2.5 V</td>
<td>The cells is damaged if voltage drops below this level</td>
</tr>
<tr>
<td>Maximal charge voltage</td>
<td>4 V</td>
<td>The cells is damaged if voltage exceeds this level</td>
</tr>
<tr>
<td>Optimal discharge current</td>
<td>&lt; 100 A</td>
<td>0.5 C</td>
</tr>
<tr>
<td>Maximal discharge current</td>
<td>&lt; 600 A</td>
<td>3 C, continuous for max 15 minutes from full charge</td>
</tr>
<tr>
<td>Max peak discharge current</td>
<td>&lt; 2000 A</td>
<td>10 C, maximal 5 seconds in 1 minute</td>
</tr>
<tr>
<td>Optimal charge current</td>
<td>&lt; 100 A</td>
<td>0.5 C</td>
</tr>
<tr>
<td>Maximal charge current</td>
<td>&lt; 600 A</td>
<td>&lt; 3 C with battery temperature monitoring</td>
</tr>
<tr>
<td>Maximal continuous operating temperature</td>
<td>65 °C</td>
<td>The battery temperature should not increase this level during charge and discharge</td>
</tr>
<tr>
<td>Dimensions</td>
<td>256 X 362 X 55,5</td>
<td>Millimeters (tolerance +/- 2 mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>7.9 kg</td>
<td>Kilograms (tolerance +/- 150g)</td>
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