CELL FEATURES

- High capacity Lithium Ferrophosphate (LFP) prismatic cell
- One of the safest lithium chemistries currently available
- High charge & discharge efficiency lead acid alternative
- Excellent cycle life and thermal stability
- Easily configurable for a variety of voltages and capacities
- Available in a wide range of sizes and capacities

**PERFORMANCE CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>TYPICAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>120 Ah</td>
</tr>
<tr>
<td>Voltage (Nominal)</td>
<td>3.2V</td>
</tr>
<tr>
<td>Discharge Energy</td>
<td>384Wh</td>
</tr>
<tr>
<td>Weight</td>
<td>2.95 kg ± 0.02</td>
</tr>
<tr>
<td>Specific Energy</td>
<td>130Wh/kg</td>
</tr>
<tr>
<td>Max Cont. Discharge Current @ 25°C</td>
<td>120A</td>
</tr>
<tr>
<td>Max Pulse Discharge Current @ 25°C, 10s</td>
<td>360A</td>
</tr>
<tr>
<td>DC Resistance</td>
<td>≤0.4 mΩ</td>
</tr>
<tr>
<td>Peak Power</td>
<td>≤1920W</td>
</tr>
<tr>
<td>Specific Power</td>
<td>≤650.8W/kg</td>
</tr>
</tbody>
</table>

**CYCLE LIFE**

<table>
<thead>
<tr>
<th>Cycle Life</th>
<th>TYPICAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>100% DOD Cycles @ 25°C, 1C/1C</td>
<td>≥2000 cycles*</td>
</tr>
<tr>
<td>100% DOD Cycles @ 45°C, 1C/1C</td>
<td>≥1200 cycles*</td>
</tr>
</tbody>
</table>

*Cycle life to 80% of rated capacity

**OPERATIONAL RANGE**

<table>
<thead>
<tr>
<th>Range</th>
<th>TYPICAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper Voltage Limit</td>
<td>3.65V</td>
</tr>
<tr>
<td>Lower Voltage Limit</td>
<td>2.5V</td>
</tr>
<tr>
<td>Charge Temperature Range</td>
<td>0°C ~ 55°C</td>
</tr>
<tr>
<td>Discharge Temperature Range</td>
<td>-20°C ~ 55°C</td>
</tr>
</tbody>
</table>

**MECHANICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Specification</th>
<th>TYPICAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (LxWxH)</td>
<td>173.9 x 47.7 x 170.3mm</td>
</tr>
<tr>
<td>Weight</td>
<td>6.8 x 1.9 x 6.7in</td>
</tr>
<tr>
<td>Weight</td>
<td>2.95kg / 6.5lbs</td>
</tr>
<tr>
<td>Terminal Type</td>
<td>M4 screw terminal (custom options upon request)</td>
</tr>
<tr>
<td>Chemistry</td>
<td>LiFePO₄</td>
</tr>
</tbody>
</table>

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