# LITHIUM BATTERIES

## ER14200

**3.6V 600mAh**

lithium-thionyl chloride batteries

### Key features
- High and stable operating voltage
- Low self-discharge rate
- Less than 1% after 1 year of storage at 20°C
- Stainless steel container
- Hermetic glass-to-metal sealing
- Non-flammable electrolyte
- Compliant with IEC 86-4 safety standard
- Non-restricted for transport
- UL Component Recognition
  - File Number MH 45782

### Main applications
- TPMS
- Alarms and security system
- Memory back-up
- Tracking system
- Automotive electronics
- Professional electronics
- Computer real-time clocks

### Specifications

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electrical characteristics</strong></td>
<td></td>
</tr>
<tr>
<td>Stored for one year or less</td>
<td></td>
</tr>
<tr>
<td>Nominal Capacity</td>
<td>600 mAh</td>
</tr>
<tr>
<td>(0.5 mA to 2.0V, at 25°C)</td>
<td></td>
</tr>
<tr>
<td>Nominal voltage</td>
<td>3.6V</td>
</tr>
<tr>
<td>Max continuous discharge current</td>
<td>10mA</td>
</tr>
<tr>
<td>Max. Pulse current</td>
<td>15 mA</td>
</tr>
<tr>
<td>Current value is obtaining 2.0V cell voltage when pulse is applied for 15 seconds at 50% discharge depth at 25°C</td>
<td></td>
</tr>
<tr>
<td>Storage temperature</td>
<td>20°C ~ 30°C</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-55°C ~ 85°C</td>
</tr>
<tr>
<td>Weight (approx)</td>
<td>8g</td>
</tr>
</tbody>
</table>

**WARNING:**

Fire, explosion and severe burn hazard. Do not recharge, crush, disassemble, heat above 100°C, incinerate or expose contents to water.
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SPECIFICATIONS

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Typical discharge at 25°C

Voltage plateu versus Current and Temperature

Capacity versus Current and Temperature

Available Terminations

Axial Pin
Radial Pin
Polarized Tab

ER14200 lithium-thionyl chloride batteries

Unit: mm

Typical discharge at 25°C

Voltage plateu versus Current and Temperature

Capacity versus Current and Temperature

Available Terminations

Axial Pin
Radial Pin
Polarized Tab

Unit: mm