LITHIUM BATTERIES

ER17450
3.6V 3000mAh
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 864 safety standard
- Non-restricted for transport
- UL Component Recognition
  File Number M45782

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

**Electrical characteristics**
(Stored for one year or less)
- **Nominal Capacity** 3000mAh
  (3 mA to 2.0V, at 25°C)
- **Nominal voltage** 3.6V
- **Max continuous discharge current** 100mA
- **Max. Pulse current** 200mA
  Current value is obtaining 2.0V cell voltage when pulse is applied for 15 seconds at 50% discharge depth at 25°C
- **Storage temperature** 20°C ~ 30°C
- **Operating temperature** -55°C ~ 85°C
- **Weight (approx)** 25g

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

Guangzhou Markyn Battery Co., Ltd.
Unit 2310, Jiner Liser BLD, Block B1, Dashi Town, Panyu District, Guangzhou City, PRC
Tel: (86) 20-34794061 Fax: (86) 20-61906358 E-mail: info@gmbattery.com
**ER17450**
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**Typical discharge at 25°C**

**Voltage plateau versus Current and Temperature**

**Capacity versus Current and Temperature**

**Available Terminations**

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
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<tbody>
<tr>
<td>-/P</td>
<td>Axial Pin</td>
</tr>
<tr>
<td>-/T</td>
<td>Radial Pin</td>
</tr>
<tr>
<td>/PT2</td>
<td>Polarized Tab</td>
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</tbody>
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