# LITHIUM BATTERY TYPE: ER14335

## Key Characteristics
- High and stable operating voltage
- Low self-discharge rate (less than 1% after 1 year storage at 25°C)
- Operating temperature (-55°C to +85°C)
- Hermetic glass-to-metal sealing
- Stainless steel container
- Non-flammable electrolyte
- Bobbin type

UL (MH48131), CE

http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/showpage.html?name=BBCV2.MH48131&ccnshorttitle=Lithium+Batteries+-+Component&objid=1081630466&version=versionless&parent_id=1073747351&sequence=1

ISO9001:2008 approved

## Warning
- Fire, explosion and severe burn hazard.
- Do not recharge, crush, disassemble, heat, above 212 F (100°C), incinerate, short circuit or expose contents to water.
- Do not reverse the positive and negative pole of battery while using it.
- Do not solder directly on the battery.
- Dispose of used batteries promptly.

Please see latest guidelines, cautions and MSDS online:

http://en.globtek.com/safety-cautions/

## Characteristics

<table>
<thead>
<tr>
<th>Chemistry: Lithium Thionyl Chloride Li Socl2 Batteries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal capacity (1mA-2.0v)</td>
</tr>
<tr>
<td>Nominal voltage</td>
</tr>
<tr>
<td>Max. constant current</td>
</tr>
<tr>
<td>Max. pulse current</td>
</tr>
<tr>
<td>Weight</td>
</tr>
<tr>
<td>Volume</td>
</tr>
<tr>
<td>Workable temperature</td>
</tr>
</tbody>
</table>

## Main Applications

- Utility meters (electricity meters, water meters, gas meters).
- Security systems (door lockers, smoke alarm sensors, detectors)
- CMOS memory and RTC backup
- Vehicle tracking
- Industrial clocks
- Sea buoys, remote monitoring systems, industrial clocks
- Military electronics

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Note: Any information here is for reference only. Information is also dependent on actual conditions of use does not guarantee future performance. And subject to change.

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Capacity vs Current

Voltage vs Temperature

Discharge Characteristics

Storage Characteristics

Available terminations:
- /P axial pins
- T/PT2 radial pins
- /PT/TP polarized tabs

Available terminations can be made as requested.

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