### 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
- Spiral 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&versionless=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

- **Chemistry:** Lithium Thionyl Chloride Li Socl2 Batteries
- **Nominal capacity (0.5mA-2.0v):** 1000mAh
- **Nominal voltage:** 3.6v
- **Max. constant current:** 200mA
- **Max. pulse current:** 400mA
- **Weight:** 10g
- **Volume:** 14.5 X 25.0mm
- **Workable temperature:** -55 ~ +85°C

### 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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www.globtek.com
LITHIUM BATTERY TYPE: ER14250M

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

Available terminations can be made as requested.

Storage Characteristics

Voltage vs Temperature

Discharge Characteristics

Capacity vs Current

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