**LITHIUM BATTERY TYPE:**
**ER14505M**

### 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 ~ +85°C)
- Hermetic glass-to-metal sealing
- Stainless steel container
- Non-flammable electrolyte
- Spiral type

UL (MH48131), CE
[Link to UL database](http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/showpage.html?name=BBCV2.MH48131&ccnshorttitle=Lithium+Batteries+-+Component&objid=1081630466&cfgid=1073741824&version=versionless&parent_id=1073747351&sequence=1)

ISO9001:2008 approved

### Characteristics
- **Chemistry:** Lithium Thionyl Chloride Li Socl2 Batteries
- Nominal capacity (1mA-2.0v) 2000mAh
- Nominal voltage 3.6v
- Max. constant current 400mA
- Max. pulse current 800mA
- Weight 19g
- Volume 14.5 X 50.0mm
- Workable temperature -55 ~ +85°C

![UL & CE](UL-and-CE-Symbols.png)

### 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

### 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:
[Website link](http://en.globtek.com/safety-cautions/)

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

Available terminations can be made as requested.

Storage Characteristics

Capacity vs Current

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