GlobTek, Inc.
"your power partner"

LITHIUM BATTERY TYPE:
ER14335

Key Characteristics

High and stable operating voltage

Low self-discharge rate (less than 1% after 1

year storage at 25℃

Operating temperature (-55℃~+85℃)

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&cfgid=1073741824&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℃), 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 (1mA-2.0v)	1600mAh
Nominal voltage	3.6v
Max. constant current	50mA
Max. pulse current	100mA
Weight	13g
Volume	14.5 X 33.5mm
Workable temperature	-55 ～ +85℃

Main Applications

Utility meters (electricity meters, water meters, gas meters.

Security systems (door lockers, smoke alarm sensors, detectors)

CMOS memory and RTC backup
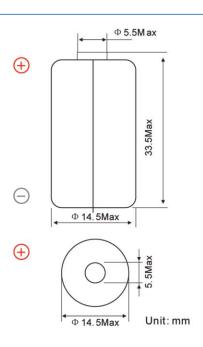
Vehicle tracking

Industrial clocks

Sea buoys, remote monitoring systems, industrial clocks

Military electronics

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.
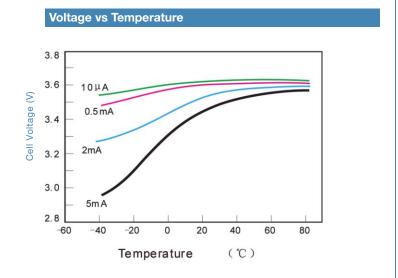
www.globtek.com

GlobTek, Inc.
"your power partner"

Φ 5.5Max

⊕

33.5Max

⊖

Φ 14.5Max

⊕

5.5Max

Φ 14.5Max   Unit: mm
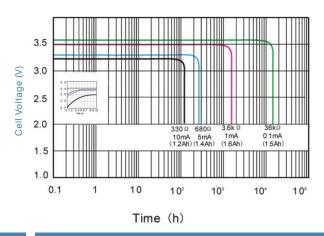
Available terminations:
-/P axial pins
-T/PT2 radial pins
-/PT/TP polarized tabs

Available terminations can be made as requested.

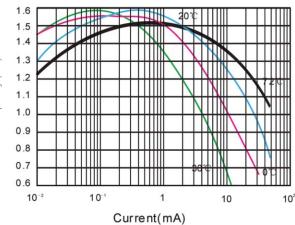## Voltage vs Temperature

10 μA
0.5 mA
2mA
5mA

Cell Voltage (V)

Temperature (℃)

Discharge Characteristics

Cell Voltage (V)

330 Ω	680 Ω	3.6k Ω	36k Ω
10mA	5mA	1mA	0.1mA
(1.2Ah)	(1.4Ah)	(1.6Ah)	(1.5Ah)

Time (h)

Storage Characteristics

(V)

Initial

Stored for 200 days
at 60℃

(Equivalent to storage at 25℃ for 10 years)

10   250   500   750

3mA   23±2℃   (H)

Capacity vs Current

Capacity (mA)

20℃

Current(mA)

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.

www.globtek.com