GlobTek, Inc.
"your power partner"

LITHIUM BATTERY TYPE:
ER26500M

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

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&cfgid=1073741824&version=versionless&p
arent_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 (10mA-2.0v)	6500mAh
Nominal voltage	3.6v
Max. constant current	1000mA
Max. pulse current	1500mA
Weight	55g
Volume	26.2 X 50.0mm
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
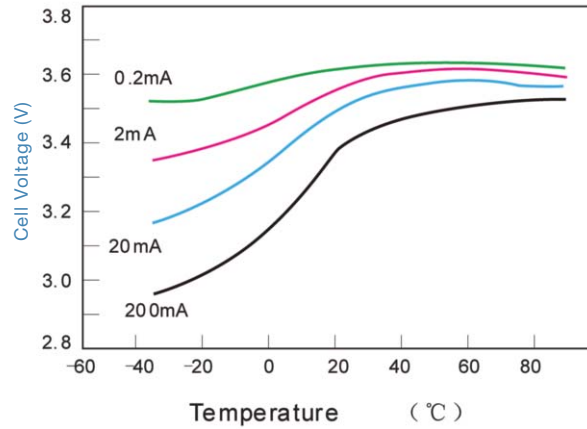conditions of use does not guarantee future performance.And subject to change.

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Φ 8Max

50.5Max

Φ 26.2Max

8Max

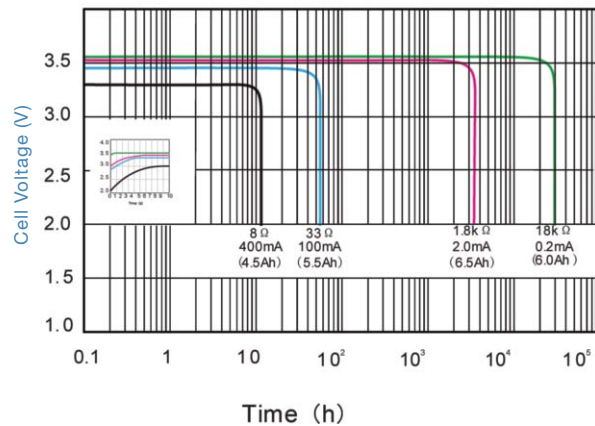Φ 26.2Max   Unit: mm
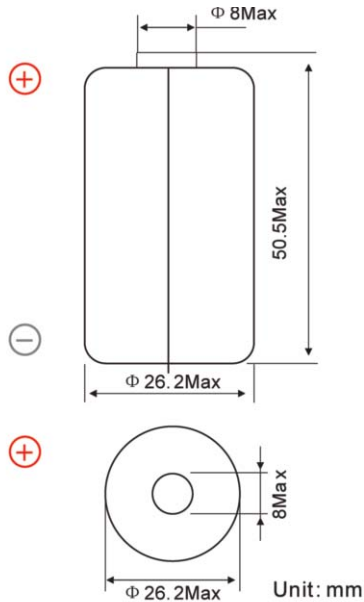
Available terminations:
-/P axial pins
-T/PT2 radial pins
-/PT/TP polarized tabs

Available terminations can be made as requested.

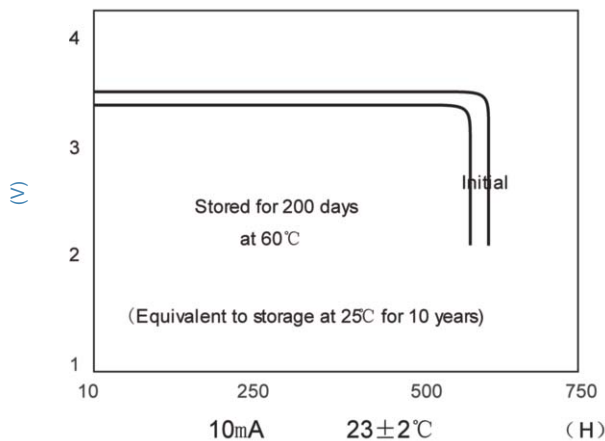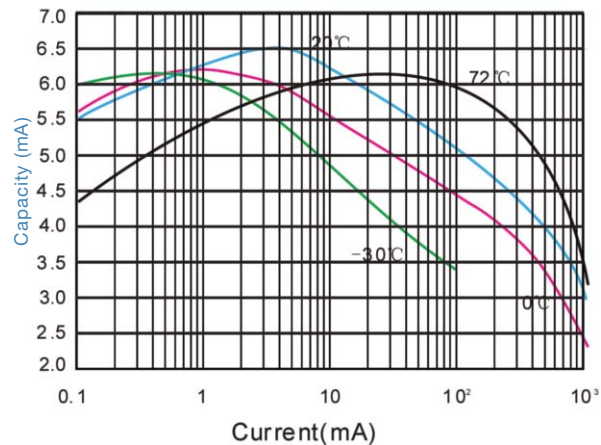## Voltage vs Temperature

Discharge Characteristics

Storage Characteristics

Stored for 200 days
at 60℃

(Equivalent to storage at 25℃ for 10 years)

10mA   23±2℃   (H)

Capacity vs Current

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