INFORMATION SPEC SHEET

Primary lithium batteries

TC14
3.6V 8500mAh

3.6V Primary lithium-thionyl chloride
($Li-SOCl_2$) Energy type
C -size bobbin cell

Cell size references (UM2 - R14 - C)

Electrical characteristics

(typical values relative to cells stored for one year or less at +30℃ max.)

Nominal capacity (at 2 mA +20℃ 2.0V cut off. The capacity restored by the cell varies according to current drain, temperature and cut off).	**8.5Ah**
Open circuit voltage (at +20℃)	**3.66V**
Nominal voltage (at 2mA +20℃)	**3.6V**
Max.Continuous current	**200mA**
Max.Pulse current	**400mA**

Pulse capability: Typically up to 400 mA (400 mA/0.1 second pulses, drained every 2 mn at +20℃ from undischarged cells with 10 μA base current, yield voltage readings above 3.0V. The readings may vary according to the pulse characteristics, the temperature, and the cell′ s previous history. Fitting the cell with a capacitor may be recommended in severe conditions.

Storage (recommended) (for more severe conditions)	**+30℃ (+86° F) max**
Operating temperature range (Operation above ambient T may lead to reduced capacity and lower voltage readings at the beginning of pulses)	**-55℃/+85℃** (-76° F/+185° F)

Physical characteristics

Diameter (max)	**26.2mm**
Height (max)	**50.0mm**
Typical weight	**55.0g**
Available termination suffix	radial tabs, radial pins, axial leads, flying leads (T/AX/P/PT)

Key Features

- Stainless steel container
- High and stable operating voltage
- Superior discharge rate (less than 1% after 1 year of storage at +20℃)
- Hermetic glass-to-metal sealing
- Compliant with IEC 86-4 safety standard

Main applications

- AMR utility meters
- Memory back-up
- Automotive devices
- Deep hole drilling
- RFID devices
- Electronic toll tags
- GPS emergency locators
- Animal tracking
- Asset/container tracking
- Vehicle tracking
- House arrest systems
- Medical devices
- Wireless security(PIR)
- Oceanographic buoys
- Military electronics
- Industrial instruments

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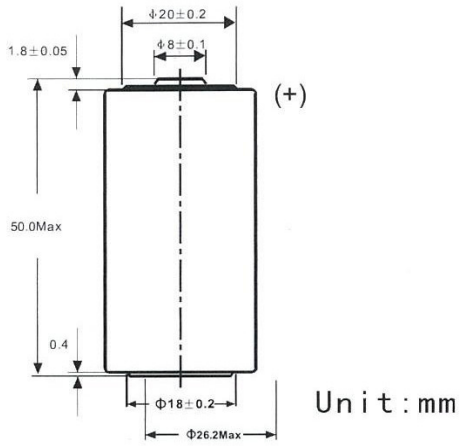
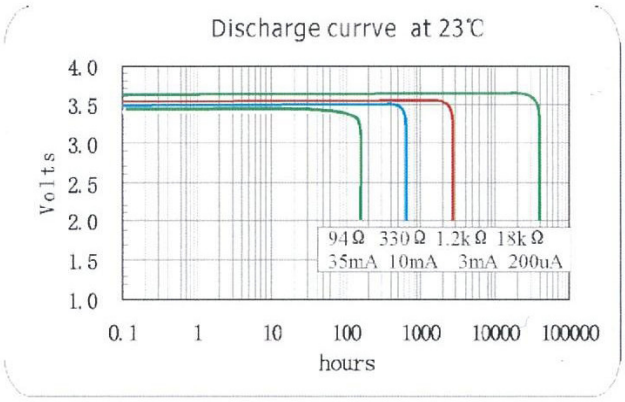
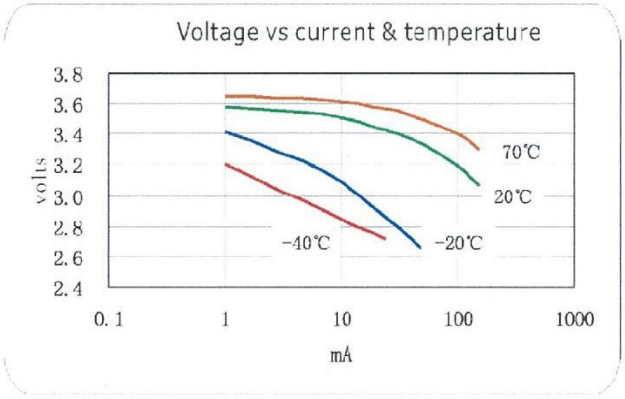


Unit : mm





Storage

The storage are a should be clean,
Cool (not exceeding +30℃),dry
And ventilated.

Warning

- Do not use if the battery casing was mangled.
- Do not recharge, short circuit,crush, disassemble, heat above 100℃(212℉),incinerate or expose contents or water.
- Do not solder directly to the cell (use tabbed cell versions instead)