



International size reference: AA

ELECTRICAL CHARACTERISTICS

(typical values for cells stored for one year or less, at 25°C)

Nominal capacity 2.70Ah
 (At 1.0 mA, +25°C, 2.0V cut off. The capacity restored by the cell varies according to current drain, temperature and cut off voltage.)

Nominal voltage 3.6V

Maximum recommended continuous current 40mA
 (To get 50% of the nominal capacity at +25°C with 2.0V cut off. Higher currents possible, consult Fullwat.)

Pulse capability: Typically up to 150 mA (150 mA/0.1 second pulses, drained every 2 min at 25°C from undischarged cells with 10µA base current, yield voltage readings above 3.0 V. The readings may vary according to the pulse characteristics, the temperature, and the cell's previous history. Fitting cell with a capacitor may be recommended in severe conditions. consult Fullwat

Storage (recommended) 30°C max
 (for more severe condition consult Fullwat)

Operating temperature range -60°C / +85°C
 (Operation at temperature different from ambient may lead to reduced capacity and lower voltage plateau readings)

Typical weight 19g

⚠ WARNING:

Fire, explosion and severe burn hazard. Do not recharge, crush, disassemble, heat above 100°C, incinerate, or expose contents to water.

FU-PL-ER14505

Lithium-thionyl Chloride (Li-SOCl) Battery

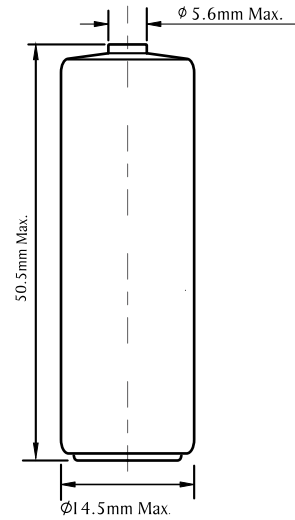
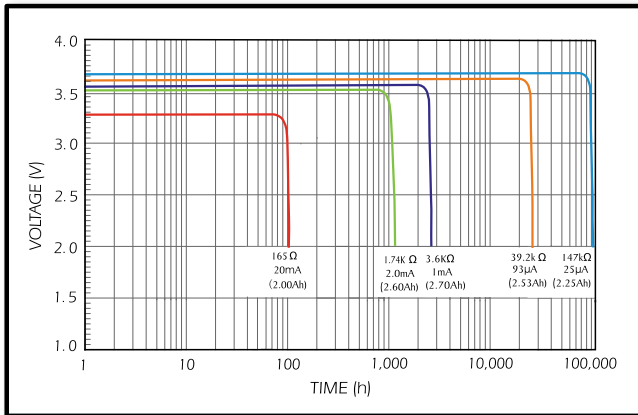
KEY FEATURES

- ✓ High and stable operating voltage
- ✓ High minimum voltage during pulsing
- ✓ Low self discharge rate (less than 1% after 1 year of storage at +25°C)
- ✓ Stainless steel container
- ✓ Hermetic glass-to-metal sealing
- ✓ Non-flammable electrolyte
- ✓ Non-restricted for transport

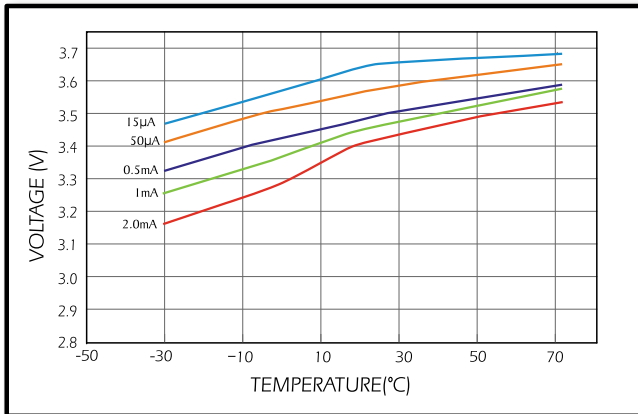
MAIN APPLICATIONS

- ✓ Utility metering
- ✓ Alarms and security devices
- ✓ Memory back-up
- ✓ Tracking systems
- ✓ Automotive electronics
- ✓ Professional electronics ... etc.

1. DISCHARGE CHARACTERISTICS@+25°C



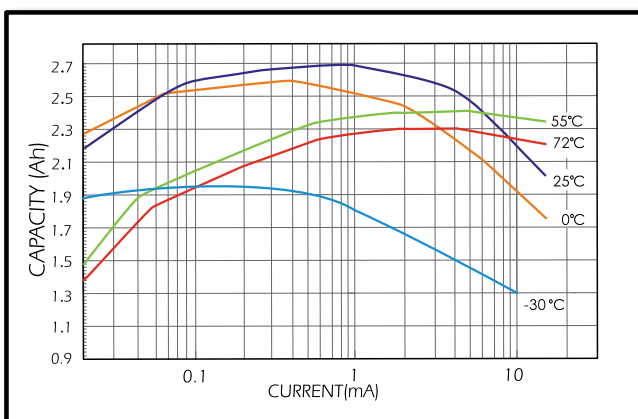
2. VOLTAGE VS. TEMPERATURE



AVAILABLE TERMINATIONS

- | | |
|-----------------|-------------|
| Suffix-/P | Axial Pins |
| Suffix-/T | Solder Tabs |
| Suffix-/2PT | Radial Pins |
| Suffix-/3PT/3TP | Radial Pins |

3. CAPACITY VS. CURRENT



4. STORAGE CHARACTERISTICS

