





International size reference: 2/3AA

## **ELECTRICAL CHARACTERISTICS**

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

## **Nominal capacity**

1.65Ah

(At 1.3 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

75mA

(To get 50% of the nominal capacity at  $+25^{\circ}$ C with 2.0V cut off. Higher currents possible, consult EVE.)

**Pulse capability:** Typically up to 150 mA (150 mA/0.1 second pulses, drained every 2 min at 25  $^{\circ}$ C from undischarged cells with 10  $\mu$ A 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 EVE.)

**Storage** (recommended)

30°C max

(for more severe condition consult EVE)

#### Operating temperature range

-55℃ / +85℃

(Operation at temperature different from ambient may lead to reduced capacity and lower voltage plateau readings.)

Typical weight

12g

# **ER14335**

Lithium-thionyl Chloride (Li-SOCl<sub>2</sub>) Battery

#### **KEY FEATURES**

- ✓ High and stable operating voltage
- High minimum voltage during pulsing
- ✓ Low self discharge rate (less than 1% after1 year of storage at+25°C)
- ✓ Stainless steel container
- ✓ Hermetic glass-to-metal sealing
- ✓ Non-flammable electrolyte
- ✓ Non-restricted for transport
- Compliant with IEC 86-4 safety standard and EN 50020 intrinsic safety
- Quality Underwriters Laboratories (UL)
  Component Recognition
  (File Number MH28717)

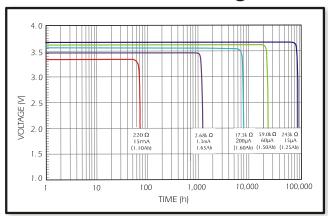
## **MAIN APPLICATIONS**

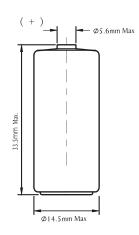
- Utility metering
- Alarms and security devices
- ✓ Memory back-up
- ✓ Tracking systems
- ✓ Automotive electronics
- Professional electronics ... etc.

#### WARNING:

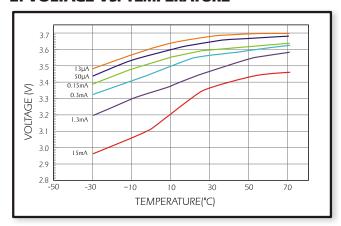
Fire, explosion and severe burn hazard. Do not recharge, crush, disassemble, heat above 100°C, incinerate, or expose contents to water.

## 1.DISCHARGE CHARACTERISTICS@+25°C





## 2. VOLTAGE VS. TEMPERATURE

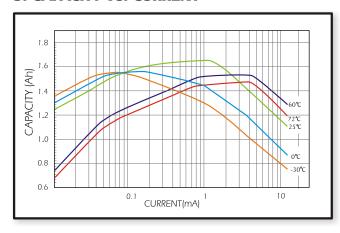


## AVAILABLE TERMINATIONS

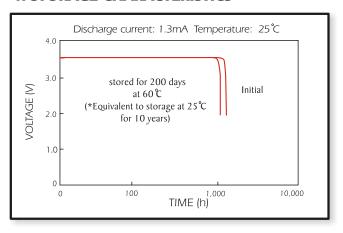
Suffix-/S Standard
Suffix-/P Axial Pins
Suffix-/T Solder Tabs
Suffix-/2PT Radial Pins
Suffix-/3PT/3TP Radial Pins

View available terminations

#### 3. CAPACITY VS. CURRENT



## 4. STORAGE CHARACTERISTICS



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