



International size reference: ltc-3pn.

## ELECTRICAL CHARACTERISTICS

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

<p>● <b>Nominal capacity</b></p> <p>(At 0.5 ma, +25°C, 2.0v cut off. the capacity restored by the cell varies according to current drain, temperature and cut off voltage.)</p>	0.4Ah
<p>● <b>Rated voltage</b></p>	3.6V
<p>● <b>Maximum recommended continuous current</b></p> <p>(To get 50% of the nominal capacity at +25°C with 2.0v cut off. higher currents possible, consult EVE)</p>	5mA
<p>● <b>Maximum pulse current capability</b></p> <p><b>Rated 1 sec. pulse capability(to 3v)</b></p> <p>Pulse capability varies according to pulse characteristics (frequency and duration), temperature, cell history (storage conditions prior to usage) and the application's acceptable minimum voltage.</p>	20mA 10mA
<p>● <b>Storage</b> (Recommended)</p> <p>(For more severe condition consult EVE)</p>	30°C max
<p>● <b>Operating temperature range</b></p> <p>(Operation at temperature different from ambient may lead to reduced capacity and lower voltage plateau readings.)</p>	-55°C / +85°C
<p>● <b>Typical weight</b></p>	5g

### ⚠ WARNING:

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

## EF651615

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

### KEY FEATURES

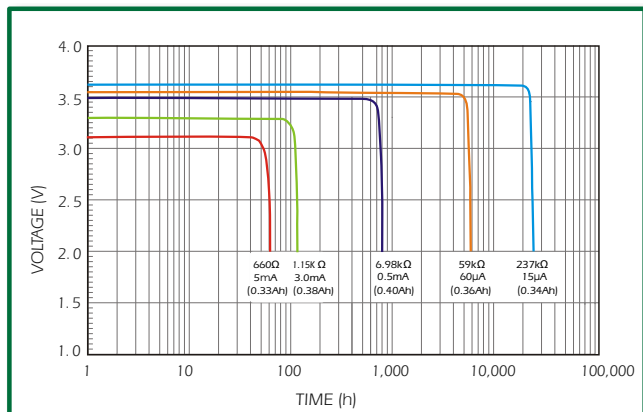
- ✓ High and stable operating voltage
- ✓ High minimum voltage during pulsing
- ✓ Low self discharge rate (less than 1% after 1 year of storage at +25°C)
- ✓ Stainless steel container
- ✓ Hermetic glass-to-metal sealing
- ✓ Non-flammable electrolyte
- ✓ Compliant with IEC 86-4 safety standard and EN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

### MAIN APPLICATIONS

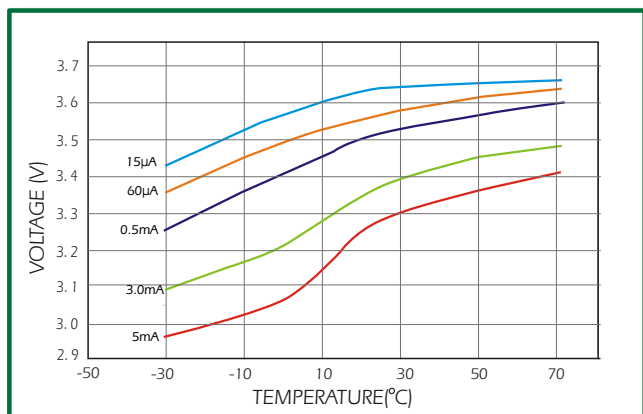
- ✓ Utility metering
- ✓ Alarms and security devices
- ✓ Memory back-up
- ✓ Tracking systems
- ✓ Automotive electronics
- ✓ Professional electronics ... etc.

# EF651615

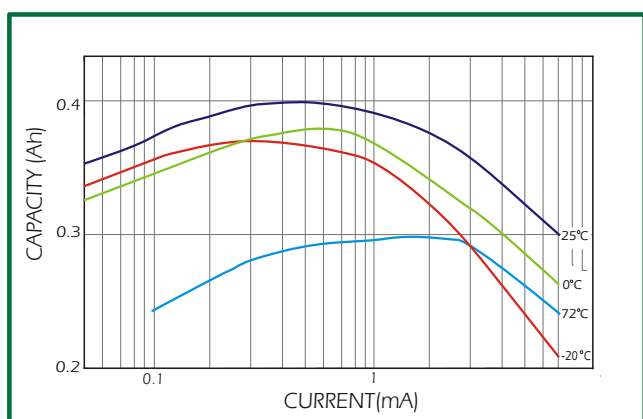
## 1. DISCHARGE CHARACTERISTICS@+25°C



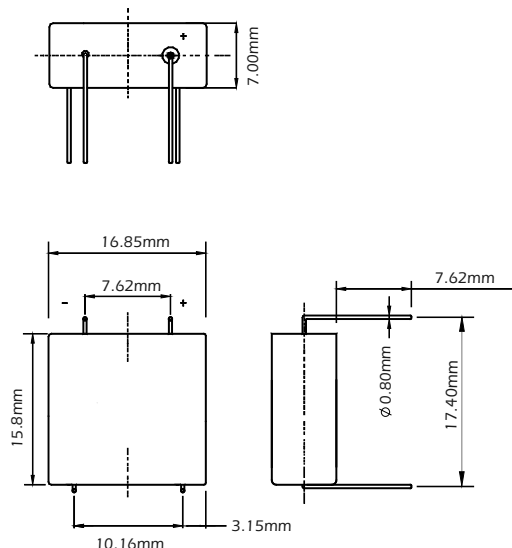
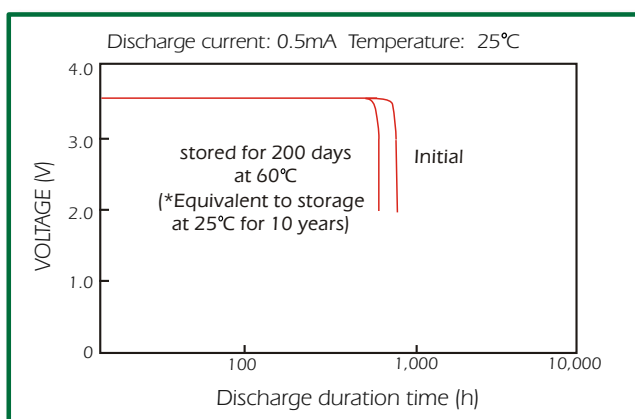
## 2. VOLTAGE VS. TEMPERATURE



## 3. CAPACITY VS. CURRENT



## 4. STORAGE CHARACTERISTICS



## AVAILABLE TERMINATIONS

Suffix-/P

Tinned Nickel Pins

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Latest version can be downloaded from the EVE website