



International size reference: LTC-7PN

## ELECTRICAL CHARACTERISTICS

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

|  |               |
|--|---------------|
| Nominal capacity   | 0.75Ah        |
| (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   | 10mA          |
| (To get 50% of the nominal capacity at +25°C with 2.0V cut off. Higher currents possible, consult EVE.)  |               |
| Maximum pulse current capability   | 30mA          |
| Rated 1 sec. pulse capability(to 3V)   | 15mA          |
| 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. |               |
| Storage (recommended)  | 30°C max      |
| (for more severe condition consult EVE)  |               |
| 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   | 8g            |

## EF651625

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
- ✓ Non-restricted for transport
- ✓ Compliant with IEC 86-4 safety standard and EN 50020 intrinsic safety
- UL 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.

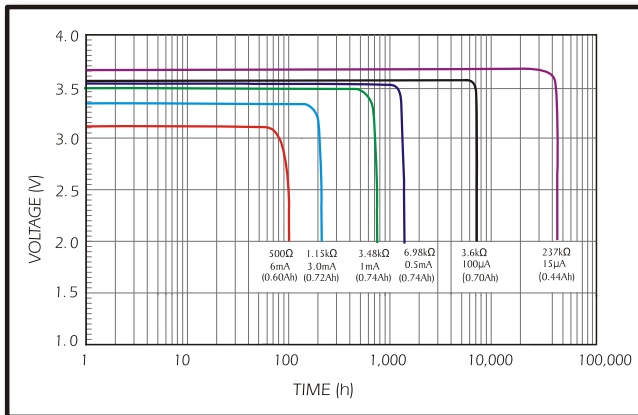
### WARNING:

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

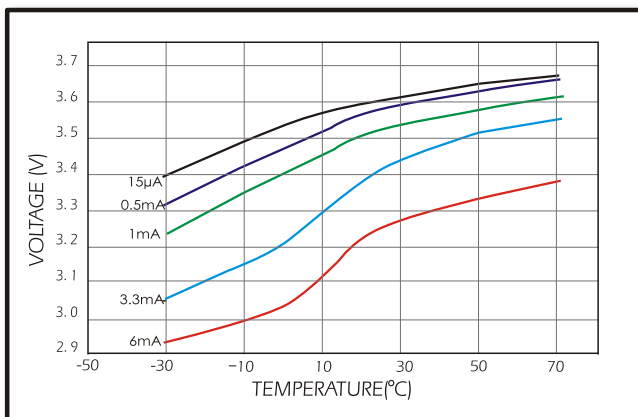
Note: Any representations in this data sheet concerning performance are for informational purpose only and are not construed as warranties, either expressed or implied, of future performance.

# EF651625

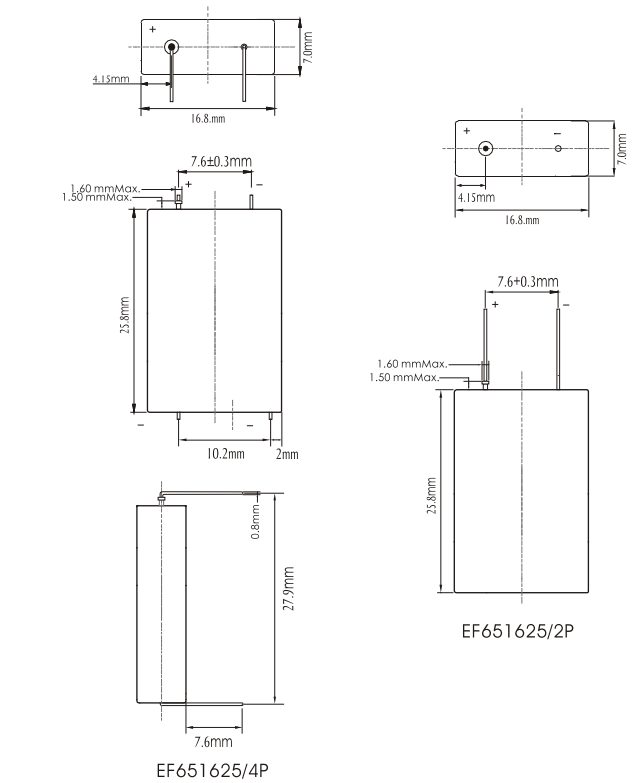
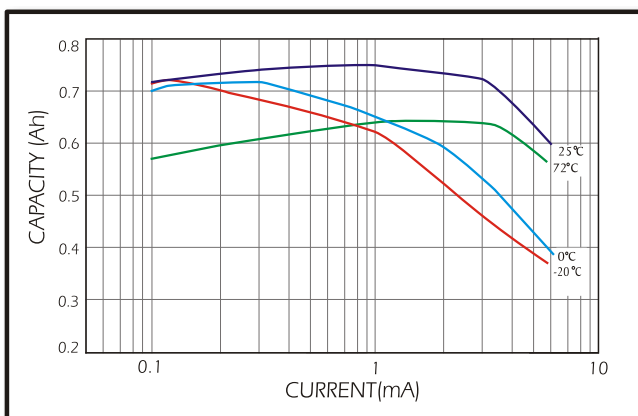
## 1. DISCHARGE CHARACTERISTICS@+25°C



## 2. VOLTAGE VS. TEMPERATURE



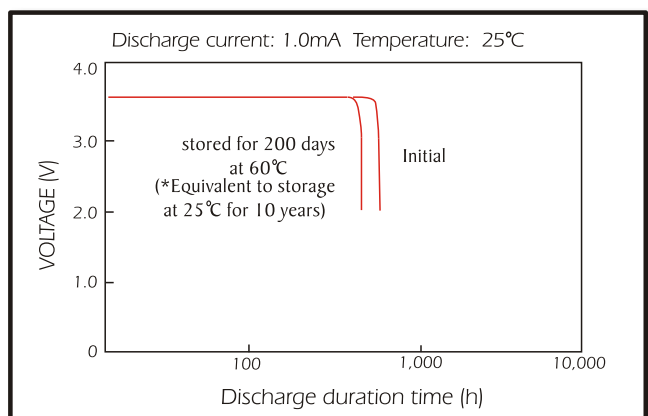
## 3. CAPACITY VS. CURRENT



## AVAILABLE TERMINATIONS

Suffix-IP Tinned Nickel Pins

## 4. STORAGE CHARACTERISTICS



### EVE ENERGY CO., LTD.

Address.: EVE Industrial Park, XiKeng Industrial zone, Huihuan Town, Huizhou, Guangdong, China  
 Operator: (86-752)260 6966 Fax: (86-752)260 6033

<http://www.evebattery.com> Email: [sales@evebattery.com](mailto:sales@evebattery.com)

Latest version can be downloaded from the EVE website

May 2010