



For low drain / long term operating applications requesting good voltage response in $-40^{\circ}\text{C}\sim+125^{\circ}\text{C}$ environments, such as TPMS(Tire Pressure Monitor System).

International size reference: 1/10D .

Electrical characteristics

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

| | | |
|---|----------------------------|---|
| ● Nominal capacity | | 1.00Ah |
| (At 1.0mA, $+25^{\circ}\text{C}$, 2.0V cut off. The capacity restored by the cell varies according to current drain, temperature and cut off voltage.) | | |
| ● Rated voltage | | 3.6V |
| ● Maximum recommended continuous current | | 10mA |
| (To get 50% of the nominal capacity at $+25^{\circ}\text{C}$ with 2.0V cut off. Higher currents possible, consult EVE.) | | |
| ● Maximum pulse current capability | | 50mA |
| ● Rated 1 sec.pulse capability(to 3V) | | 20mA |
| Pulse capability varies according to pulse characteristics (frequency duration), temperature, cell history (storage conditions prior to usage) and the application's acceptable minimum voltage. | | |
| ● Storage | (recommended) | 30°C max |
| | (possible without leakage) | $-55^{\circ}\text{C}\sim+150^{\circ}\text{C}$ |
| ● Operating temperature range | | $-55^{\circ}\text{C}\sim+125^{\circ}\text{C}$ |
| (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 150°C , incinerate, or expose contents to water. Do not solder directly to the cell.

ER32L65T

Lithium-thionyl Chloride
(Li-SOCl₂) Battery

KEY FEATURES

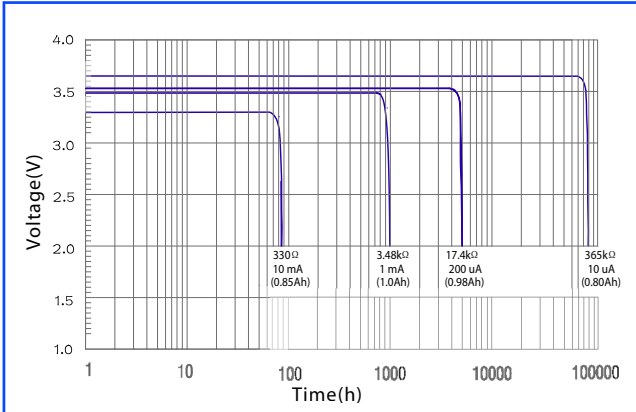
- ✓ High and stable operating voltage
- ✓ High minimum voltage during pulsing
- ✓ Low self discharge rate (less than 1% after 1 year of storage at $+25^{\circ}\text{C}$)
- ✓ Stainless steel container
- ✓ Hermetic glass-to-metal sealing
- ✓ Non-flammable electrolyte
- ✓ Compliant with IEC 86-4 safety standard and EN 50020 intrinsic safety
- ✓ Non restricted for transport
- ⚡ Underwriters Laboratories (UL) component Recognition (File Number MH 28717)

MAIN APPLICATIONS

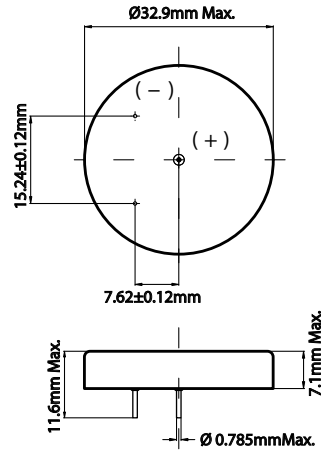
- ✓ Tire Pressure Monitor System
- ✓ Alarms and security devices
- ✓ Memory back-up
- ✓ Tracking systems
- ✓ Automotive electronics
- ✓ Professional electronics ... etc.

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

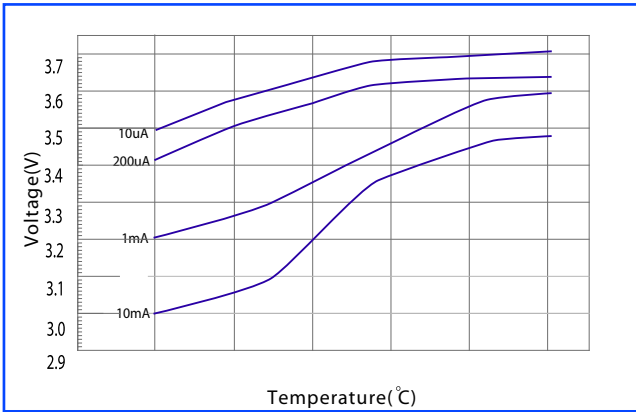
1. DISCHARGE CHARACTERISTICS@+25°C



ER32L65T



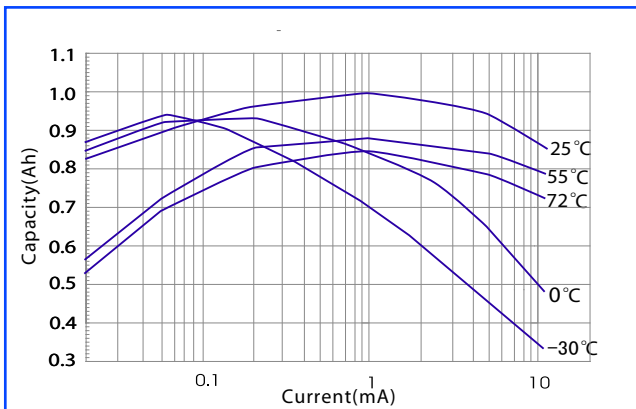
2. VOLTAGE VS. TEMPERATURE



AVAILABLE TERMINATIONS:

Suffix-/P Tinned Nickel Pins

3. CAPACITY VS. CURRENT



4. STORAGE CHARACTERISTICS

