

ER17335

Lithium-thionyl Chloride
(Li-SOCl₂) Battery

International size reference: 2/3A .

Electrical characteristics

(Typical values for cells stored for one year or less)

● Nominal capacity	2.10Ah
(At 3.0mA, +25 °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	25mA
(To get 50% of the nominal capacity at +25 °C with 2.0V cut off. Higher currents possible, consult EVE.)	
● Maximum pulse current capability	120mA
● Rated 1 sec.pulse capability(to 3V)	50mA
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	30 °C max
(recommended)	
(possible without leakage)	-55 °C ~ +120 °C
● Operating temperature range	-55 °C ~ +85 °C
(Operation at temperature different from ambient may lead to reduced capacity and lower voltage plateau readings.)	
● Typical weight	18 g

KEY FEATURES

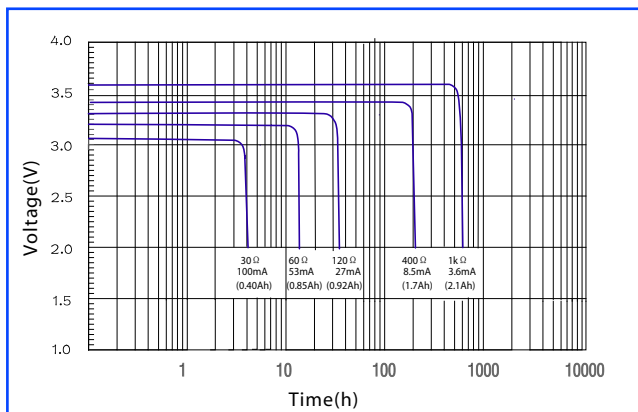
- ✓ High and stable operating voltage
- ✓ High minimum voltage during pulsing
- ✓ Low self discharge rate (less than 1% after 1 year of storage at +25 °C)
- ✓ Stainless steel container
- ✓ Hermetic glass-to-metal sealing
- ✓ Non-flammable electrolyte
- ✓ Compliant with IEC 86-4 safety standard and EN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

MAIN APPLICATIONS

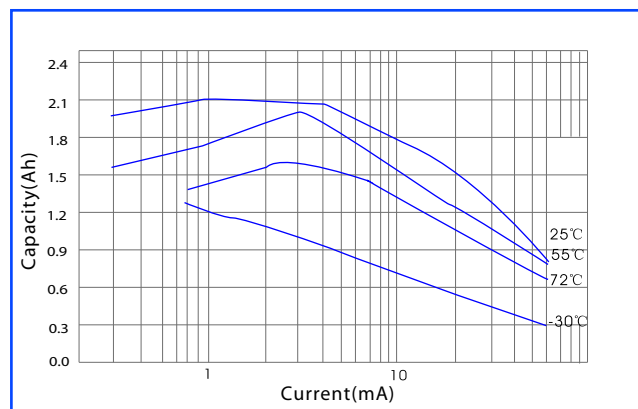
- ✓ Utility metering
- ✓ Alarms and security devices
- ✓ Memory back-up
- ✓ Tracking systems
- ✓ Automotive electronics
- ✓ Professional electronics ...etc.

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.

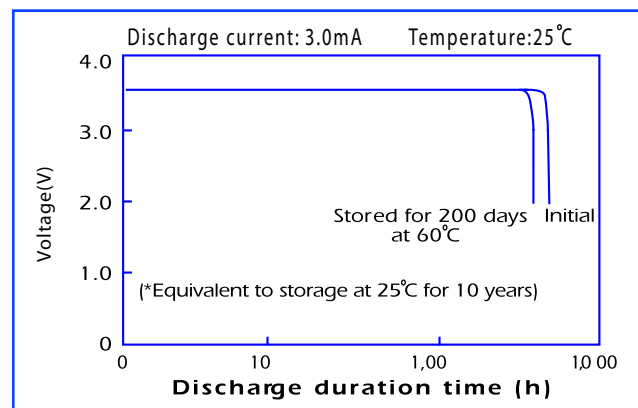
1. DISCHARGE CHARACTERISTICS@+25°C



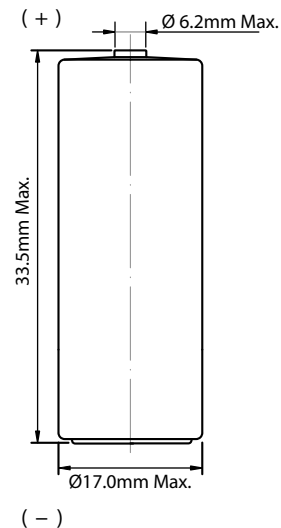
2. CAPACITY VS. CURRENT



3. STORAGE CHARACTERISTICS



ER17335



AVAILABLE TERMINATIONS

Suffix-/S	Standard
Suffix-/T	Solder Tabs
Suffix-/W	Flying Leads

WARNING:

Fire, explosion and severe burn hazard.

Do not recharge, crush, disassemble, heat above 100°C, incinerate, or expose contents to water.

EVE BATTERY CO., LTD.

Tel: +86-752-260 1898, +86-752-260 1128 Fax: +86-752-260 6033

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

Latest version can be downloaded from EVE website