



International size reference: 1/10D

ELECTRICAL CHARACTERISTICS

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

Nominal capacity

1Ah

(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

50mA

Rated 1 sec. pulse capability(to 3V)

20mA

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

19g

ER32L65

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°C)
- ✓ Stainless steel container
- ✓ Hermetic glass-to-metal sealing
- ✓ Non-flammable electrolyte
- ✓ **Non-restricted for transport**
- ✓ Compliant with IEC 60086-4 safety standard and EN 60079-11 intrinsic safety standard

 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.

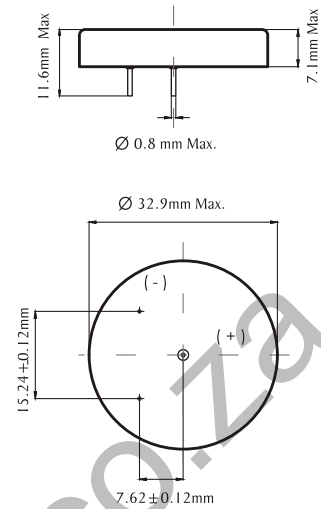
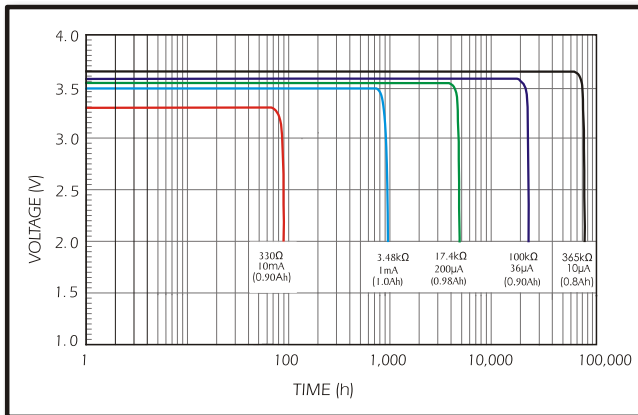
WARNING:

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

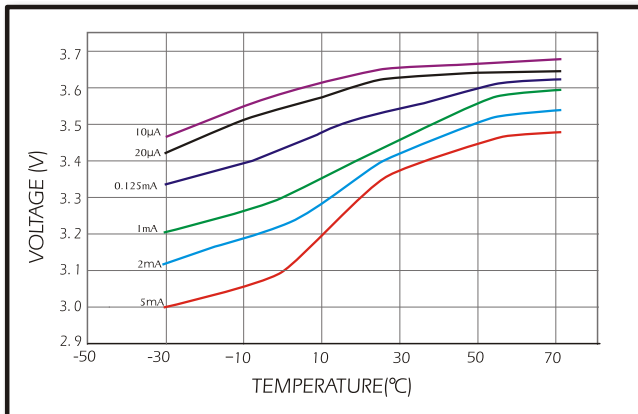
Note: Any representations in this data sheet concerning performance are for informational purpose only and are not construed as warranties, either expressed or implied, of future performance.

ER32L65

1. DISCHARGE CHARACTERISTICS@+25°C



2. VOLTAGE VS. TEMPERATURE

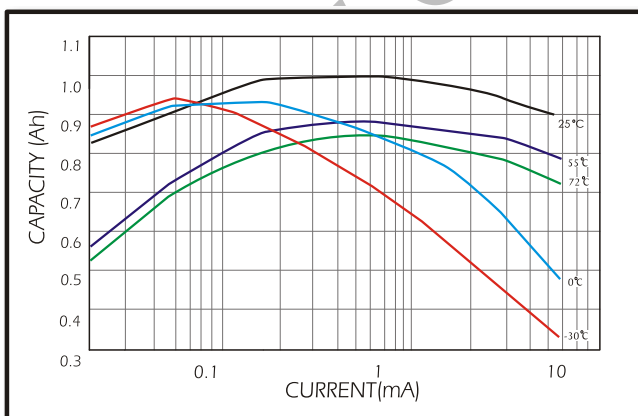


AVAILABLE TERMINATIONS

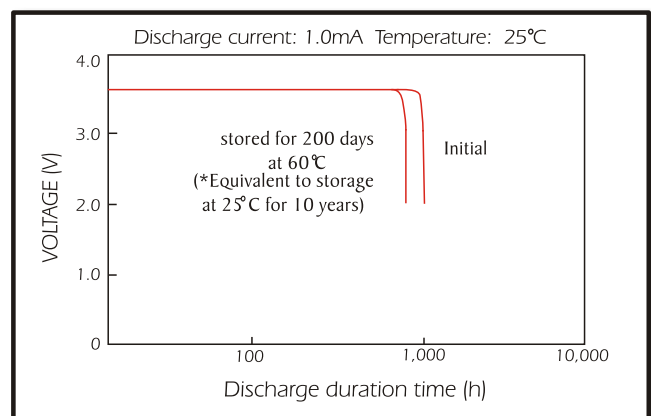
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Tinned Nickel Pins

3. CAPACITY VS. CURRENT



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

Latest version can be downloaded from the EVE website

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