

DYNAMIS

LITHIUM-LINE

LI-140/S (ER17505, A-size)

Order No. 60.08237

Lithium Thionyl Chloride Cell



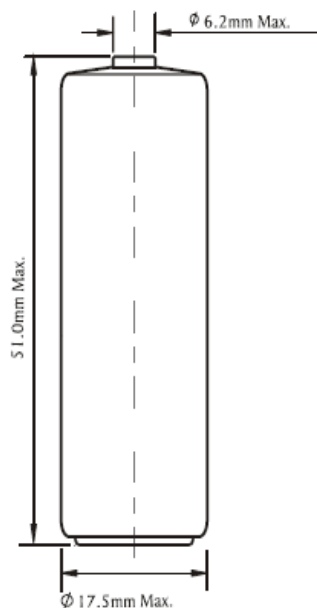
Electrical characteristics

(typical values for cells stored for one year or less at +25°C max.)

Nominal capacity at 3,0 mA with 2,0 V cut off voltage (25 °C). The capacity restored by the cell varies according to current drain, temperature and cut off voltage).	3,60 Ah
Nominal voltage	3,6 V
Max. recommended continuous current (To get 50 % of nominal capacity at +25°C with 2,0 V cut off.. For use with higher currents please contact DYNAMIS)	130 mA
Pulse capability Typically up to 180mA / 0,1 second pulses, drained every 2 min. (25°C) from undischarged cells with 10 µA base current, yield voltage readings above 3,0 V. (The readings may vary according to the pulse characteristics, temperature, and the cell's previous history. Fitting cell with a capacitor is recommended in severe conditions application)	180 mA
Storage temperature (recommended, according other demands contact DYNAMIS)	+30°C max.
Operating temperature range (Operation at temperature different from ambient may lead to reduced capacity and lower voltage plateau readings.)	-55°C ~ +85°C

Physical characteristics

Height (max.)	51,0 mm
Diameter Ø (max.)	17,5 mm
Typical weight	26 g



UL certified

Batterien

Key features

- High and stable voltage level
- High minimum voltage during pulse application
- Very 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

Warning

- Fire, explosion and severe burn hazard.
- Do not recharge, crush, short circuit, disassemble, heat over 100°C or incinerate.
- Do not expose cell or contents to water

Main applications

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

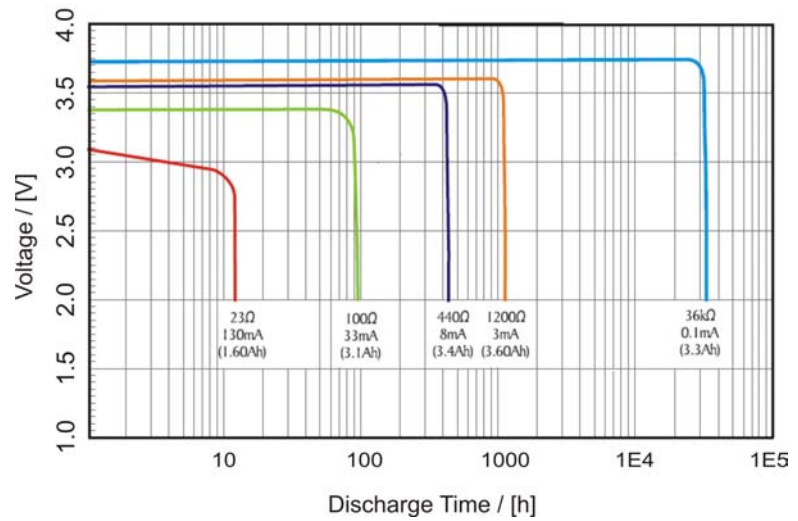
Terminal variations

60.08237 standard (/S)
60.08238 solder tabs (/T)
60.08239 axial pins (/P)

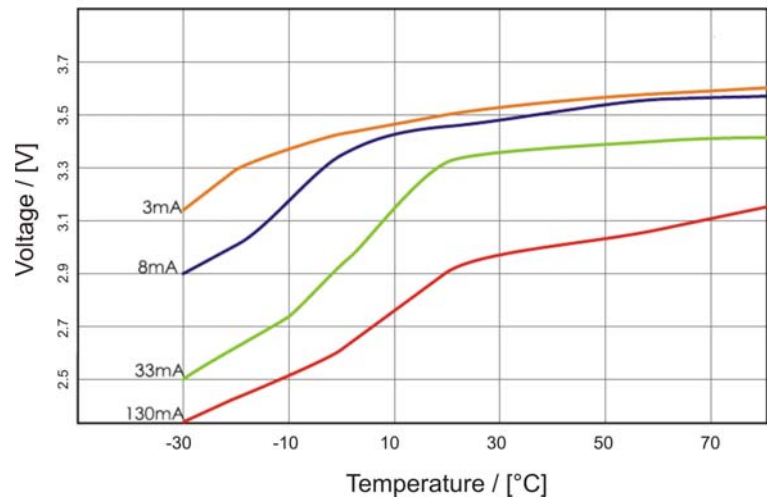
for other terminals please contact
DYNAMIS

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Continuous Discharges at 25 °C (77 °F)



Voltage Levels at various Temperatures and Drain Conditions



Temperature characteristics

