

DYNAMIS

LITHIUM-LINE

LI-250 Size C (ER 26500HP) **Order No. 60.08269**

Lithium Thionyl Chloride Cell – High Power Type (Spiral)



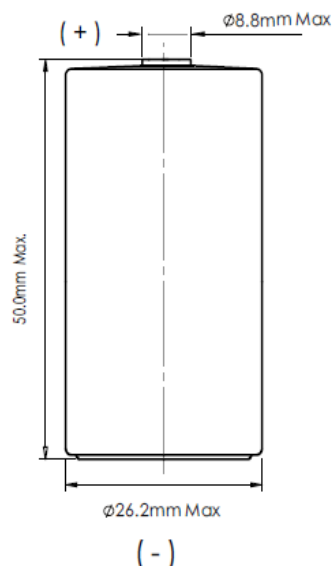
Electrical characteristics

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

Nominal capacity at 10 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).	6.5 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)	800 mA
Pulse capability Typically up to 2000 mA / 0.1 s 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)	2000 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.)	-40°C ~ +85°C

Physical characteristics

Height (max.)	50.0 mm
Diameter Ø (max.)	26.2 mm
Typical weight	52 g



UL certified

Key features

- High and stable operating voltage
- High minimum voltage during pulse application
- 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
- UL-certified

Warning

- Fire, explosion and severe burn hazard.
- Do not recharge, crush, 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.

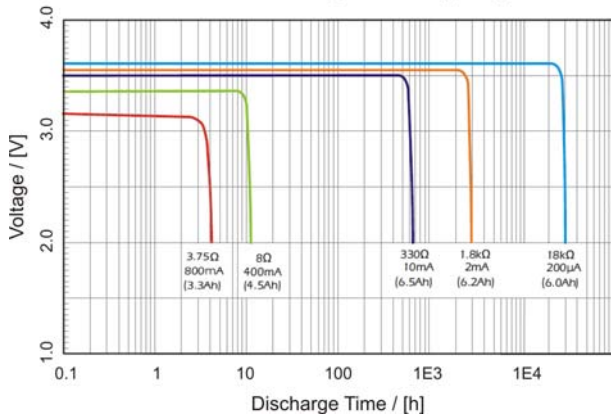
Terminal variations

60.08269 standard (/S)
 solder tabs (/T)
 flying leads (/W)

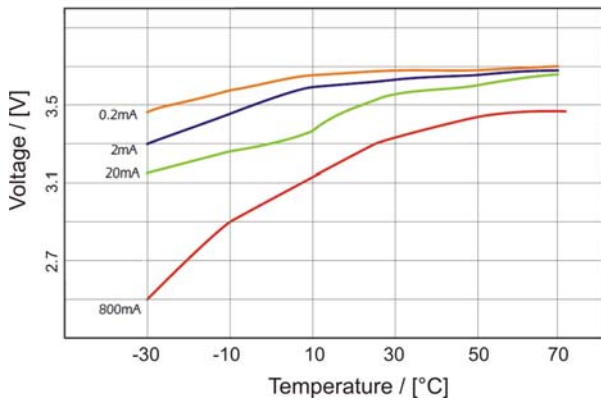
for other terminals please contact DYNAMIS

The information (subject to change without notice) contained in this document is for reference only and should not be used as a basis for product guaranty or warranty. For applications other than those described here, please consult your nearest DYNAMIS Sales or Marketing Office or Distributors

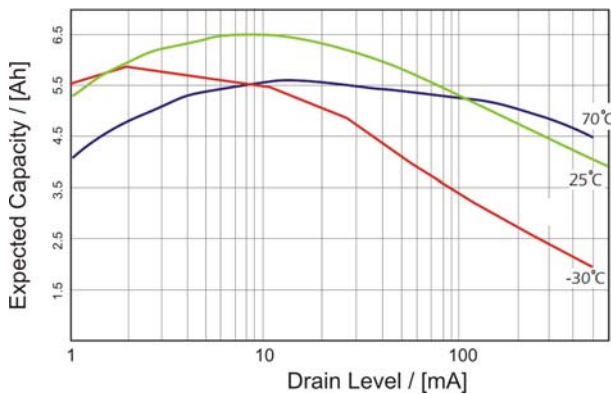
Continuous Discharges at 25 °C (77 °F)



Typical Minimum Voltage Levels at various Temperatures and drain conditions



Temperature characteristics



Pulse discharge characteristics

Pulse current = 2000 mA @ 25 °C

