

DYNAMIS

LITHIUM-LINE

LI-130 /S (ER14505, Size AA)

Lithium Thionyl Chloride Cell



Electrical characteristics

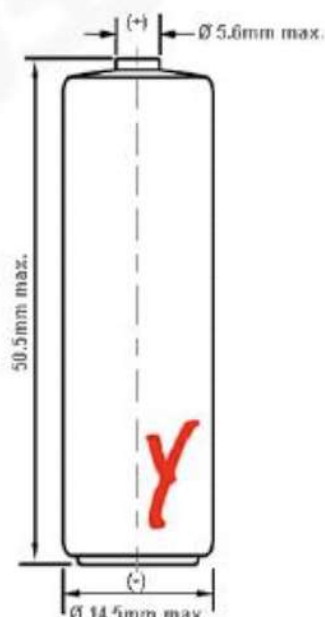
(Typical values for cells stored for one year or less at +25°C max.)

Nominal voltage	3.6 V
Nominal capacity at 2.0 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.	2'600 mAh
Max. recommended continuous current	100 mA
Pulse capability (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 applications.)	200 mA
Operating temperature range (Operation at temperature different from ambient may lead to reduced capacity and lower voltage plateau readings.)	-55°C ~ +85°C
Storage temperature (recommended for max. 60% rel. humidity, according other demands contact DYNAMIS)	30°C max.

Physical characteristics

Height	50.5 mm
Diameter	14.5 mm
Weight ca.	19 g

Drawing:



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

Standard /S
Solder tabs /T
Axial Pins /P
Polarized Tabs +(1)/-(2) /PT
Polarized Tabs +(2)/-(1) /PTV
Pins +(1)/-(1) /EPR

For other terminals please contact DYNAMIS.

Compliance with Safety Standards
IEC 60086-4
EN 50020

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