

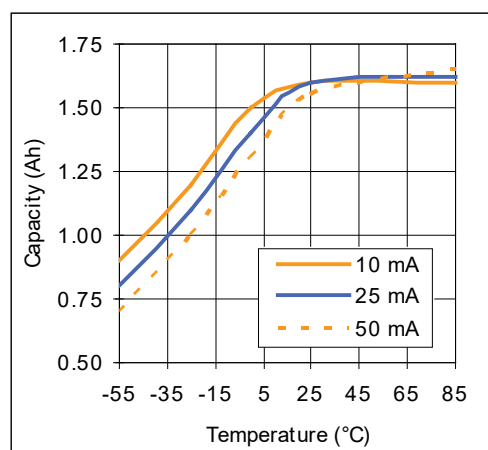
Electrochem Cell Technical Datasheet

LITHIUM THIONYL CHLORIDE CELL

Technical Overview

Open Circuit Voltage (25°C)	3.9 V
Rated Discharge Current	10 mA
Rated Capacity	1.6 Ah
Maximum Continuous Current	50 mA
Cell Diameter	13.7 mm
Cell Length	49.2 mm
Cell Weight	15.0 g
Lithium Weight	0.5 g
Safety Fuse	4.0 A link
Self Discharge	3% per year at 25°C
Operating Temperature	-55°C to +85°C
	-67°F to +185°F

Capacity as a function of current and temperature



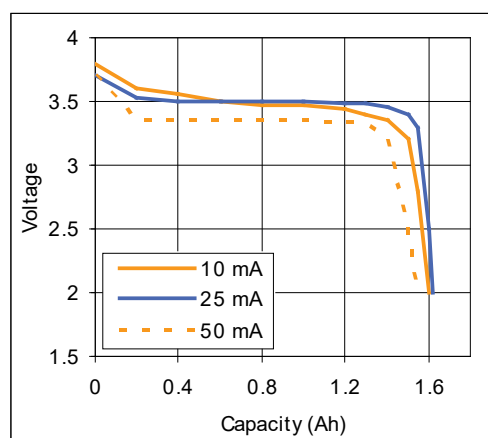
Key Features:

- Primary chemistry (non-rechargeable)
- High rate capability
- Advanced spiral-wound technology
- Stainless steel container
- Hermetic glass-to-metal sealing
- Wide operating temperature range as low as -55°C and up to +85°C
- Low self discharge rate (3% per year at 25°C)
- Non-restricted for transportation
- Custom terminations available

Main Applications:

- Military communications
- Oceanographic buoys and gliders
- Tracking systems
- Sensor systems
- Pipeline inspection gauges
- Beacons, transponders and receivers
- Seismic surveying birds

25°C discharge



NOTICE: The information on this datasheet is for single cells only. Please consult with Electrochem if you are interested in additional information. The information in this document is subject to change without notice and does not constitute a warranty of performance.