

LITHIUM THIONYL CHLORIDE CELL

Technical Overview

Open Circuit Voltage (25°C)	3.6 V
Rated Discharge Current	20 mA
Rated Capacity	1.1 Ah
Maximum Continuous Current	150 mA
Cell Diameter (nominal)	13.7 mm
Cell Length (nominal)	53.2 mm
Cell Weight	15.0 g
Lithium Weight	0.5 g
Safety Fuse	4A Link
Self Discharge	3% per year at 25°C
Operating Temperature	+70°C to +200°C
	+160°F to +392°F

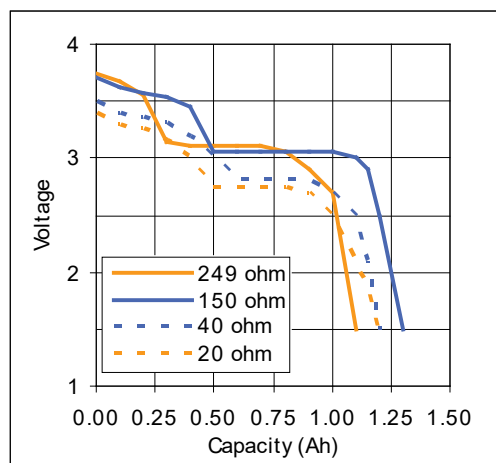
Key Features:

- 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 +70°C and up to +200°C
- Low self discharge rate (3% per year at 25°C)
- Custom terminations available

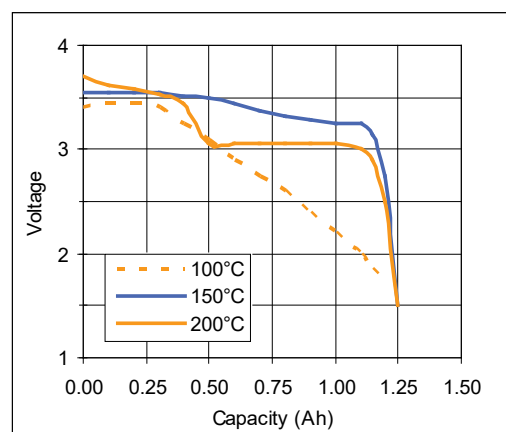
Main Applications:

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

200°C discharge comparison



150 ohm 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.