

LITHIUM THIONYL CHLORIDE CELL

Technical Overview

Open Circuit Voltage (25°C)	3.6 V
Rated Discharge Current	500 mA
Rated Capacity (to 2.5V, @ 20°C)	27 Ah
Maximum Continuous Current	2.0 A
Cell Diameter	33.5 mm (1.32 in.)
Cell Length (some terminations may be greater)	112 mm (4.39 in.)
Cell Weight	213 g
Lithium Weight	10.3 g
Self Discharge	5% per year at 25°C
Operating Temperature	-40°C to +85°C
	-40°F to +185°F

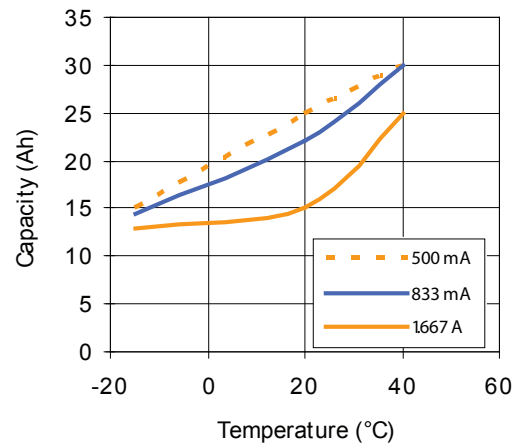
Key Features:

- 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 -40°C and up to +85°C
- Low self discharge rate (5% per year at 25°C)
- Restricted for transportation (Class 9)
- Custom terminations available

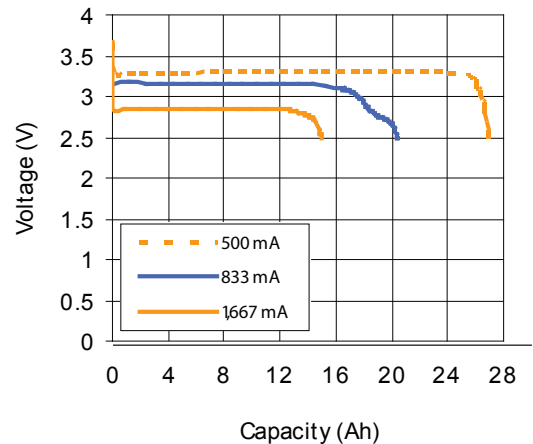
Main Applications:

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

Capacity to 2.5 V as a function of current and temperature



20°C discharge to 2.5 V



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.