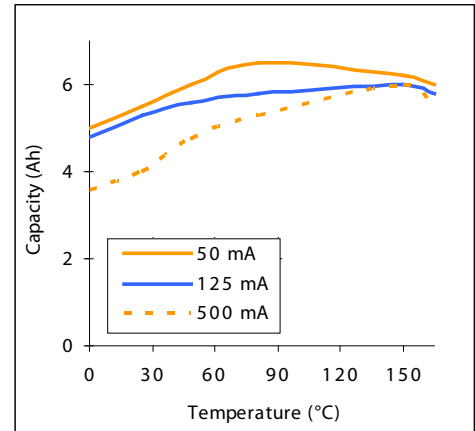


**LITHIUM SULFURYL CHLORIDE CELL**

**Technical Overview**

|                             |                     |
|-----------------------------|---------------------|
| Open Circuit Voltage (25°C) | 3.9 V               |
| Rated Discharge Current     | 50 mA               |
| Rated Capacity              | 6.2 Ah              |
| Maximum Continuous Current  | 500 mA              |
| Cell Diameter (nominal)     | 24.8 mm (0.975 in.) |
| Cell Length (nominal)       | 53.3 mm (2.10 in.)  |
| Cell Weight                 | 50 g                |
| Lithium Weight              | 1.9 g               |
| Safety Fuse                 | 2 A                 |
| Self Discharge              | 3% per year at 25°C |
| Operating Temperature       | -20°C to +165°C     |
|                             | -4°F to +329°F      |

**Capacity as a function of current and temperature**



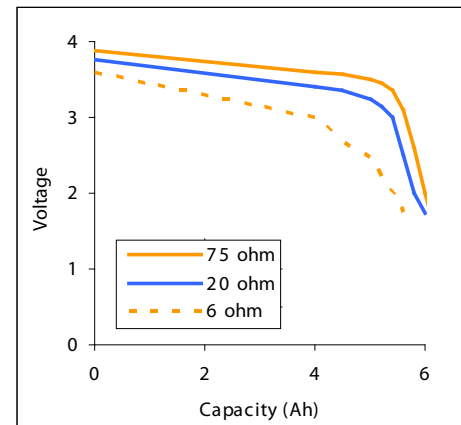
**Key Features:**

- 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 -20°C and up to +165°C
- Low self discharge rate (3% 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

**165°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.

