

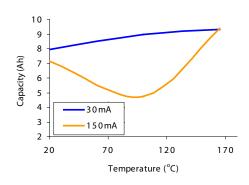
## LOW RATE LITHIUM CELL 26-76-165LR SERIES: 4320 SIZE 3/2 C

## LITHIUM THIONYL CHLORIDE CELL

#### **Technical Overview**

Open Circuit Voltage (25°C)	3.67 V
Rated Discharge Current	30 mA
Rated Capacity	8.5 Ah
Maximum Current to Achieve	
100% Capacity	150 mA
Cell Diameter (nominal)	25.4 mm (1.0 in.)
Cell Length (nominal)	76.2 mm (3.0 in.)
Cell Weight	77.7 g
Lithium Weight	3.0 g
Self Discharge	2% per year at 25°C
Operating Temperature	-40°C to +165°C
	-40°F to +329°F

# Capacity as a function of current and temperature



### **Key Features:**

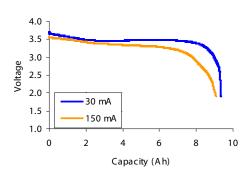
- Primary chemistry (non-rechargeable)
- Low rate capability
- Bobbin style construction
- Stainless steel container
- Hermetic glass-to-metal sealing
- Wide operating temperature range as low as -40°C and up to +165°C
- Low self discharge rate (2% per year at 25°C)
- Restricted for transportation (Class 9)
- Custom terminations available

## **Main Applications:**

- Memory back-up
- Animal telemetry
- Low current downhole oil and gas

NOTE: This list does not include all potential applications, please consult Electrochem for your specific application needs.

### 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.



10000 Wehrle Drive, Clarence, NY 14031 • Tel 716.759.5800 • Fax 716.759.2562 Sales@ElectrochemSolutions.com • www.ElectrochemSolutions.com

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