

LITHIUM BROMINE CHLORIDE CELL

Technical Overview

Open Circuit Voltage (25°C)	3.9 V
Rated Discharge Current	500 mA
Rated Capacity	38 Ah
Maximum Continuous Current	2.0 A
Cell Diameter	44.1 mm
Cell Length	94.4 mm
Cell Weight	290.0 g
Lithium Weight	14.7 g
Safety Fuse	3.0 A
Self Discharge	3% per year at 25°C
Operating Temperature	-55°C to +85°C
	-67°F to +185°F

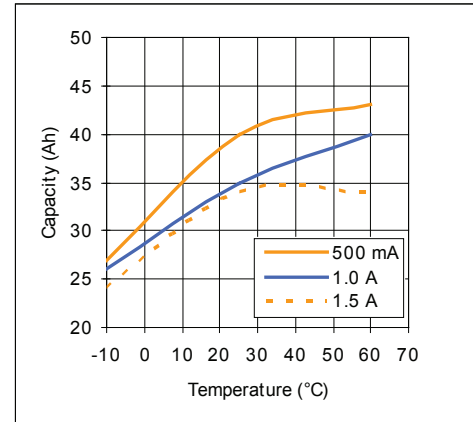
Key Features:

- 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 -55°C and up to +85°C
- Low self discharge rate (3% per year at 25°C)
- Restricted for transportation (Class 9)
- Custom terminations available

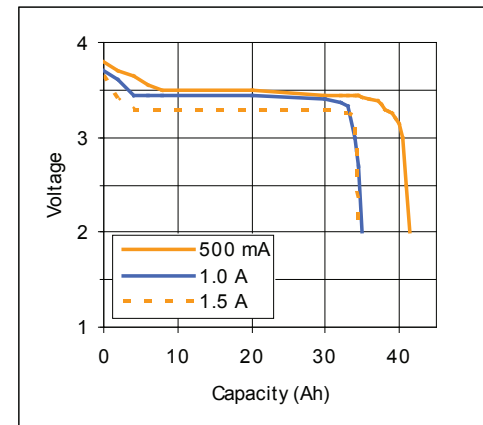
Main Applications:

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

Capacity as a function of current and temperature



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.

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