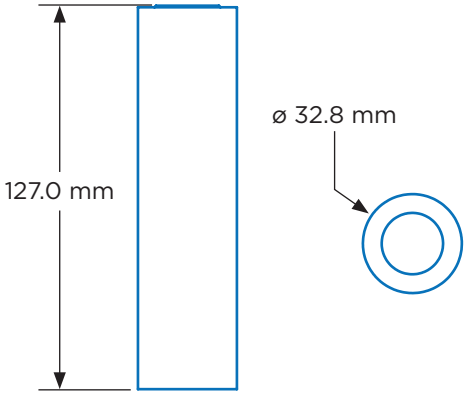
3B3900
High Rate DD Cell
Lithium Thionyl Chloride

MWD150 Series

Physical Characteristics

Chemistry	Thionyl Chloride
Construction	Spiral
Cell Size	DD
Length[1]	127.0 mm
Diameter[2]	32.8 mm
Cell Weight	210.0 g
Lithium Weight	7.7 g
Integrated Safety Fuse	Yes

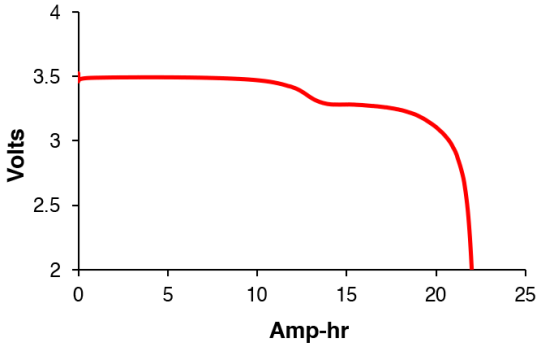
Cell Drawing



Electrical Characteristics

Cell Type	Primary
Open Circuit Voltage (25°C)	3.67 V
Nominal Capacity	22 Ah
Maximum Continuous Current	2000 mA
Operating Temperature	0°C to +150°C
Self Discharge Rate	<2% per year
Storage Temperature	≤ 25°C
Discharge Condition	500 mA, 120°C

Discharge Curve
500 mA, 120°C



Key Features

- Primary chemistry (non-rechargeable)
- High rate capability
- Advanced spiral-wound technology
- Stainless steel container
- Hermetic glass-to-metal sealing
- Restricted for transportation (Class 9)
- Custom terminations available

Main Applications[3]

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

NOTE: [1] The information on this datasheet is for marketing purposes only. Please consult with Electrochem for more information regarding how our cells will perform within your application. [2] The information in this document is subject to change without notice and does not constitute a warranty of performance. [3] This product and its external electrical contact materials are RoHS compliant. See our "RoHS Statement" for more information. [4] The length dimension was based off of a flat termination. The use of other terminations will impact overall cell length. [5] Diameter measurements include shrink when applicable. [6] The "Main Application" list does not include all potential applications, please consult Electrochem for your application needs.

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