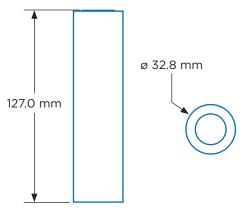
3B3900 High Rate DD Cell Lithium Thionyl Chloride

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 |
| | |

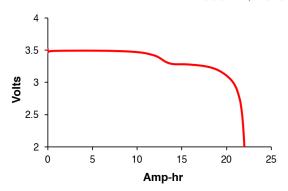
Cell Drawing



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 Applications³

- 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.