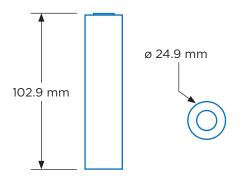
4342 Moderate Rate CC Cell Lithium Thionyl Chloride

150MR Series

Physical Characteristics

| Chemistry | Thionyl Chloride |
|------------------------|------------------|
| Construction | Dual Anode |
| Cell Size | СС |
| Length ¹ | 102.9 mm |
| Diameter ² | 24.9 mm |
| Cell Weight | 102.6 g |
| Lithium Weight | 4.7 g |
| Integrated Safety Fuse | N/A |

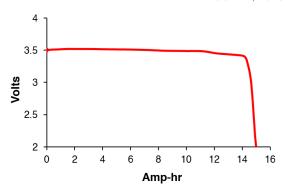
Cell Drawing



Electrical Characteristics

| Cell Type | Primary |
|-----------------------------|-----------------|
| Open Circuit Voltage (25°C) | 3.67 V |
| Nominal Capacity | 15 Ah |
| Maximum Continuous Current | 200 mA |
| Operating Temperature | -40°C to +150°C |
| Self Discharge Rate | <2% per year |
| Storage Temperature | ≤ 25°C |
| Discharge Condition | 100 mA, 23°C |

Discharge Curve 100 mA, 23°C



Key Features

- Primary chemistry (non-rechargeable)
- Moderate rate capability
- · Stainless steel container
- Hermetic glass-to-metal sealing
- Built to withstand extreme shock and vibration
- Restricted for transportation (Class 9)
- Custom terminations available

Main Applications³

- Downhole oil & gas
 - Measurement While Drilling (MWD)
 - Logging While Drilling (LWD)
- Military devices

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.

