

3B4800

High Rate C Cell Lithium Thionyl Chloride

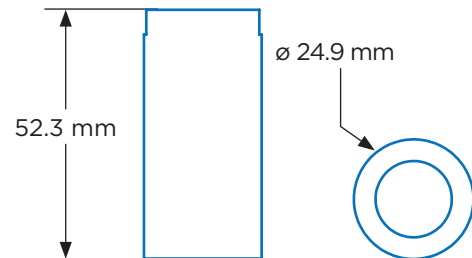


VHT200 Series

Physical Characteristics

Cell Drawing

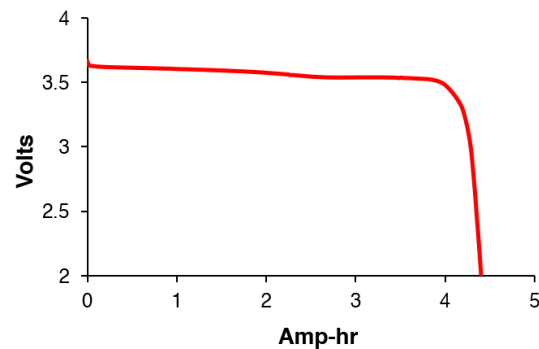
Chemistry	Thionyl Chloride
Construction	Spiral
Cell Size	C
Length¹	52.3 mm
Diameter²	24.9 mm
Cell Weight	52.0 g
Lithium Weight	2.2 g
Integrated Safety Fuse	Yes



Electrical Characteristics

Discharge Curve
50 mA, 150°C

Cell Type	Primary
Open Circuit Voltage (25°C)	3.67 V
Nominal Capacity	4.4 Ah
Maximum Continuous Current	250 mA
Operating Temperature	+70°C to +200°C
Self Discharge Rate	<2% per year
Storage Temperature	≤ 25°C
Discharge Condition	50 mA, 150°C



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