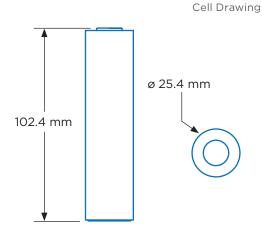
# 4346 Moderate Rate CC Cell Lithium Thionyl Chloride

# 200MR Series

#### Physical Characteristics

Chemistry	Thionyl Chloride
Construction	Dual Anode
Cell Size	СС
Length <sup>1</sup>	102.4 mm
Diameter <sup>2</sup>	25.4 mm
Cell Weight	110.0 g
Lithium Weight	5.0 g
Integrated Safety Fuse	N/A



**Discharge** Curve

100 mA, 150°C

# Electrical Characteristics

Cell Type	Primary
Open Circuit Voltage (25°C)	3.67 V
Nominal Capacity	9.0 Ah
Maximum Continuous Current	100 mA
Operating Temperature	+70°C to +200°C
Self Discharge Rate	<2% per year
Storage Temperature	≤ 25°C
Discharge Condition	100 mA, 150°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 Applications<sup>3</sup>

• Downhole oil & gas

2

- Measurement While Drilling (MWD)

Amp-hr

6

8

10

- Logging While Drilling (LWD)

4

• Military devices

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



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4

3.5

2.5

2 +

Volts 3