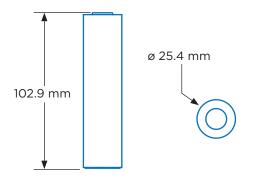
4343 Moderate Rate CC Cell Lithium Thionyl Chloride

180MR Series

Physical Characteristics

Thionyl Chloride
Dual Anode
CC
102.9 mm
25.4 mm
110.0 g
5.0 g
N/A

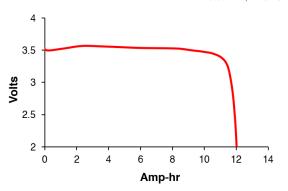
Cell Drawing



Electrical Characteristics

Cell Type	Primary
Open Circuit Voltage (25°C)	3.67 V
Nominal Capacity	12 Ah
Maximum Continuous Current	200 mA
Operating Temperature	+50°C to +180°C
Self Discharge Rate	<2% per year
Storage Temperature	≤ 25°C
Discharge Condition	100 mA, 120°C

Discharge Curve 100 mA, 120°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: '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. 'The information in this document is subject to change without notice and does not constitute a warranty of performance. 'This product and its external electrical contact materials are RoHS compliant. See our "RoHS Statement" for more information. 'The length dimension was based off of a flat termination. The use of other terminations will impact overall cell length. 'Diameter measurements include shrink when applicatiole. 'The 'Main Application' list does not include all potential applications, please consult Electrochem for your application needs.

