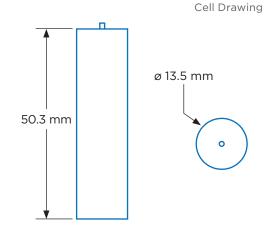
4205 Low Rate AA Cell Lithium Thionyl Chloride

165LR Series

Physical Characteristics

ChemistryThionyl ChlorideConstructionBobbinCell SizeAALength¹50.3 mmDiameter²13.5 mmCell Weight17.0 gLithium Weight.5 gIntegrated Safety FuseN/A		
Cell Size AA Length¹ 50.3 mm Diameter² 13.5 mm Cell Weight 17.0 g Lithium Weight .5 g	Chemistry	Thionyl Chloride
Length¹ 50.3 mm Diameter² 13.5 mm Cell Weight 17.0 g Lithium Weight .5 g	Construction	Bobbin
Diameter² 13.5 mm Cell Weight 17.0 g Lithium Weight .5 g	Cell Size	AA
Cell Weight 17.0 g Lithium Weight .5 g	Length ¹	50.3 mm
Lithium Weight .5 g	Diameter ²	13.5 mm
	Cell Weight	17.0 g
Integrated Safety Fuse N/A	Lithium Weight	.5 g
	Integrated Safety Fuse	N/A



Electrical Characteristics

Cell Type	Primary
Open Circuit Voltage (25°C)	3.67 V
Nominal Capacity	1.4 Ah
Maximum Continuous Current	10 mA
Operating Temperature	-40°C to +165°C
Self Discharge Rate	<2% per year
Storage Temperature	≤ 25°C
Discharge Condition	10 mA, 23°C



Discharge Curve

1.2 1.4 1.6

Key Features

- Primary chemistry (non-rechargeable)
- Low rate capability
- Bobbin style construction
- · Stainless steel container
- Hermetic glass-to-metal sealing
- Restricted for transportation (Class 9)
- · Custom terminations available

Main Applications³

Memory back-up

0.2 0.4

Volts

2.5

2

- Animal telemetry
- · Low current downhole oil and gas

0.6 0.8

Amp-hr

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 application needs.