

# 3B3700

## High Rate C Cell

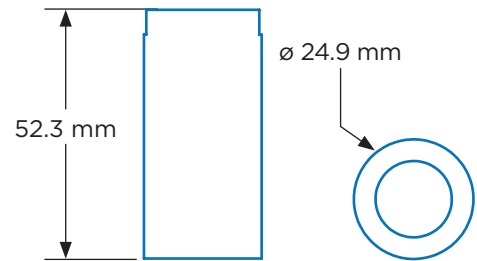
### Lithium Sulfuryl Chloride

## PMX150 Series

### Physical Characteristics

Cell Drawing

<b>Chemistry</b> 化学	Sulfuryl Chloride 硫酰氯
<b>Construction</b> 技术工艺	Spiral 螺旋
<b>Cell Size</b> 电池尺寸	C
<b>Length</b> <sup>1</sup> 长度 (平均长度)	52.3 mm
<b>Diameter</b> <sup>2</sup> 直径 (平均直径)	24.9 mm
<b>Cell Weight</b> 重量	52.0 g
<b>Lithium Weight</b> 锂重	1.8 g
<b>Integrated Safety Fuse</b> 集成安全保险	Yes

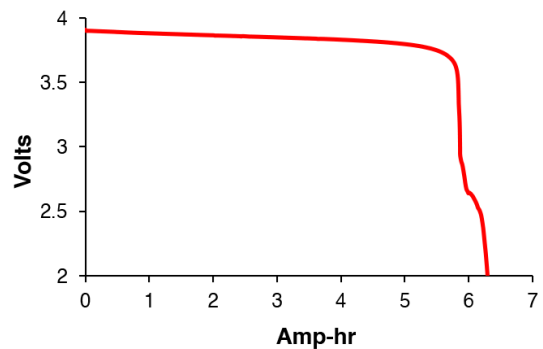


提示：电池端子不同，尺寸会略有差异

### Electrical Characteristics

Discharge Curve  
50 mA, 120°C

<b>Cell Type</b>	Primary
<b>开路电压 (25°C)</b>	3.93 V
<b>Nominal Capacity</b> 额定容量	6.3 Ah
<b>最大连续电流</b>	500 mA
<b>Operating Temperature</b> 工作温度	-20°C to +150°C
<b>Self Discharge Rate</b> 自损耗率	<3% per year
<b>Storage Temperature</b> 储存温度	≤ 25°C
<b>Discharge Condition</b> 放电条件	50 mA, 120°C



### Key Features 主要特点

- Primary chemistry (non-rechargeable) 不可充电
- High rate capability 高速率放电能力
- Advanced spiral-wound technology 先进的螺旋缠绕技术
- Stainless steel container 不锈钢外壳
- Hermetic glass-to-metal sealing
- Restricted for transportation (Class 9)
- Custom terminations available 提供定制端子

### Main Applications<sup>3</sup>

- Military communications
- Oceanographic buoys and gliders
- Tracking systems
- Sensor systems
- Pipeline inspection gauges
- Beacons, transponders and receivers
- Seismic surveying birds

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.