

P/N: ER14505M

HIGH DRAIN SPIRAL LITHIUM CELL
Lithium Thionyl Chloride (Li/SOCl₂)

Size: AA

ELECTRICAL CHARACTERISTICS

(Typical values for a cell in storage for one year or less at +25°C)

Nominal voltage:	3.6V
Nominal capacity:	2.1Ah
(At 3mA, +25°C, 2.0V cut off. Discharge capacity may vary with current drain, temperature and cut off voltage)	
Maximum recommended continuous current:	400mA
(The value is determined at which half of nominal capacity is obtained at 2.0V cut-off, 25°C)	
Maximum pulse current:	1000mA
(A cell at state of 50% charged depth with base current 20µA pulsed at 1000mA for 0.1 seconds in every 2 minutes at +25°C yields voltage reading above 2.7V. The values may vary subject to different pulse conditions.)	
Operating temperature range:	-55°C / +80°C (-67°F / +176°F)
(Operation at different temperatures may lead to changes in capacity)	
Typical weight:	19g

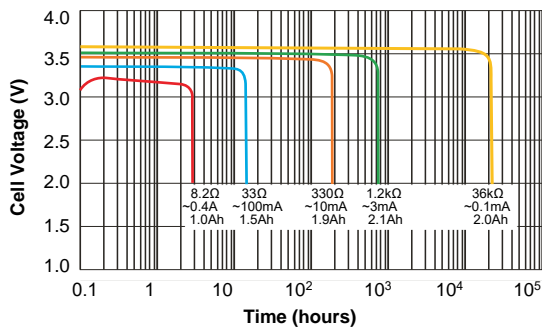
Features

- Hermetic glass-to-metal sealing
- Pressure release design
- High drain/pulse capacity
- High voltage response
- Wide operation temperature range
- UL file no. MH45994

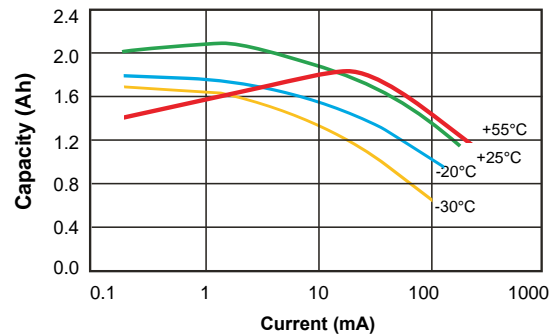
Applications

- Military
- Radio communication
- Alarms and security systems
- Emergency location transmitters
- Metering systems

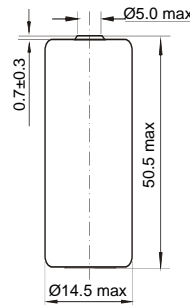
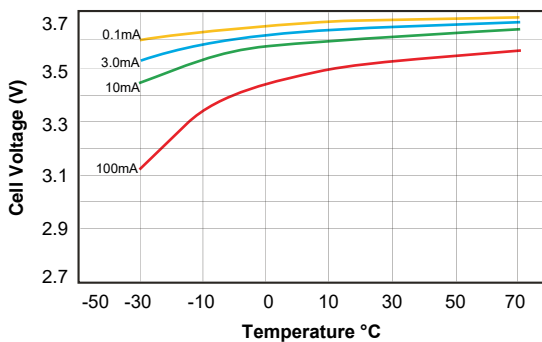
Typical discharge profile at 25°C



Capacity versus Current and Temperature



Voltage versus Current and Temperature



Available terminations

- Axial leads
- Radio pins
- Polarized tabs

Custom terminations available upon request

dimension in mm

Product specifications are subject to change without prior notice. Any presentation in this data sheet concerning performance is for information purpose only and not warranties, either expressed or implied, of future performance.