

**P/N: ER14505M**

**HIGH POWER SPIRAL LITHIUM CELL**  
Lithium Thionyl Chloride (Li/SOCI<sub>2</sub>)

**SIZE: AA**

**ELECTRICAL CHARACTERISTICS**

Nominal voltage (@25°C):	3.6V
Rated capacity: (At 2mA, +25°C 2.0V cut off. Discharge capacity may vary with current drain, temperature and cut off voltage)	2.0Ah
Maximum recommended continuous current: (The value is determined at which half of nominal capacity is obtained at 2.0V cut-off, 25°C)	500mA
Maximum pulse current: (Current value is obtained by discharging cells for 15 seconds to 2.0V at 50% discharge depth at 25°C)	1000mA
Operating temperature range: (Operation at different temperatures may lead to changes in capacity)	-55°C / +80°C (-67°F / +176°F)
Cell diameter (max.):	14.5mm
Cell height (max.):	50.5mm
Typical weight:	19g

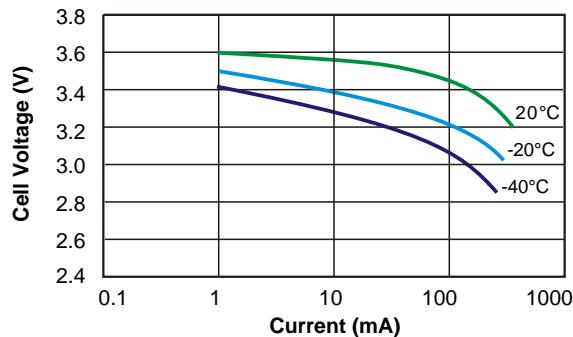
**Features**

- Stainless steel container
- Hermetic glass-to-metal sealing
- Pressure release design
- High drain/pulse capacity
- UL Recognition File No. MH45994

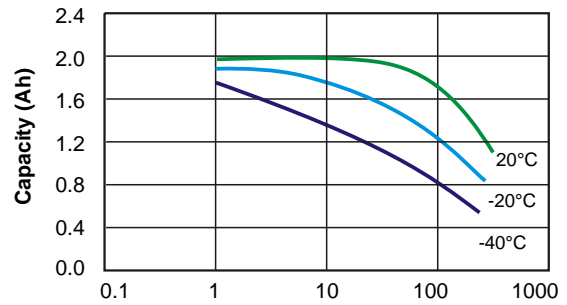
**Applications**

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

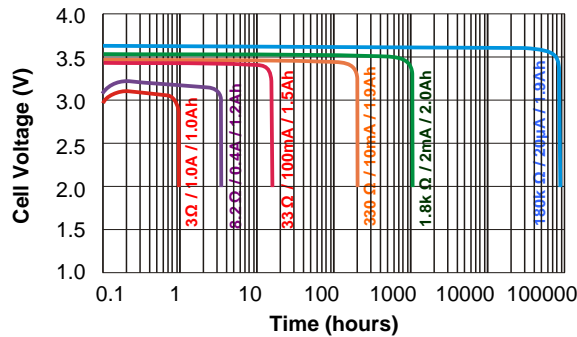
**Voltage versus Current and Temperature**



**Capacity versus Current and Temperature**



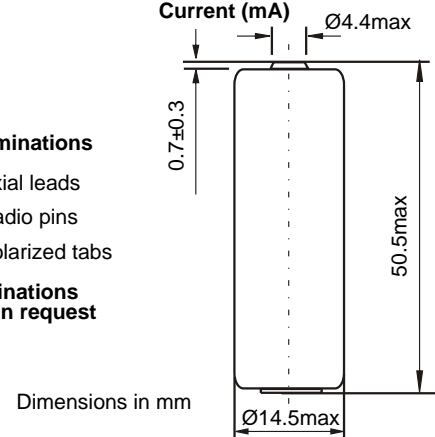
**Typical discharge profile at 25°C**



**Available terminations**

- /P: Axial leads
- /T, -/PT2: Radio pins
- /PT, -/TP: Polarized tabs

**Custom terminations available upon request**



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.