

P/N: ER14505S  
 SIZE: AA

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

**CROSS REFERENCE**  
 TLH-5903, 3B1065, 14-50-150R

**CELL SPECIFICATIONS**

Nominal voltage (@25°C):	3.6V
Rated capacity (discharged at 100mA @150°C, cut-off voltage 2.0V):	1600mAh
Max current to achieve 100% capacity:	100mA
Typical weight:	19g
Cell volume	8.2cc
Cell diameter (max.):	14.5mm
Cell length (max.):	50.5mm
Operating temperature range:	-20°C to +150°C -4°F to 302°F

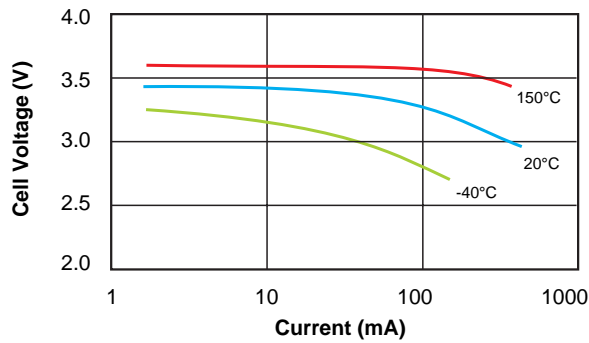
**Features**

- Stainless steel container
- Hermetic glass-to-metal sealing
- Low self discharge
- High rate performance

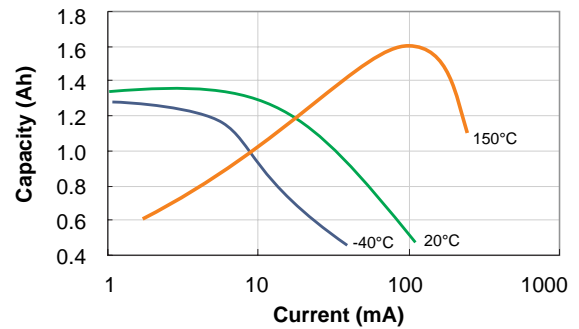
**Applications**

- Oil fields
- Exploration
- Aerospace
- Marine
- Detectors / monitors
- Data loggers
- Test equipment

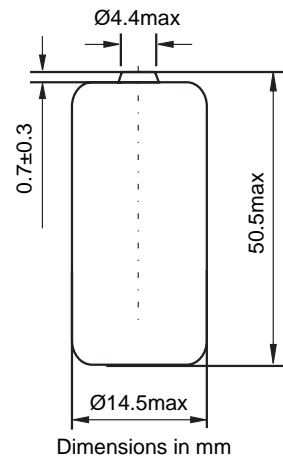
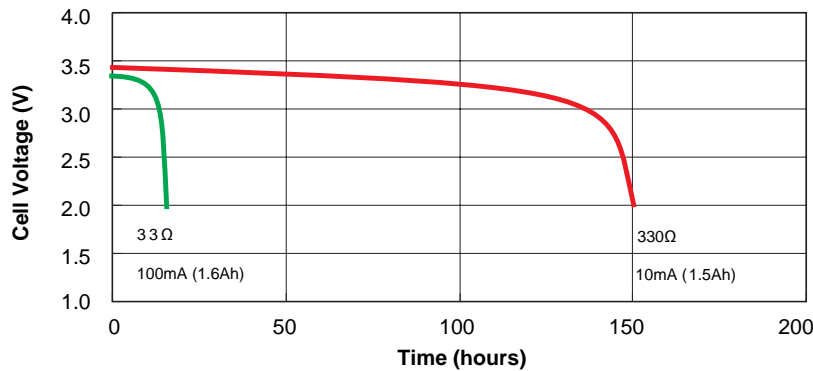
**Cell Voltage versus Current and Temperature**



**Capacity versus Current and Temperature**



**150°C Discharge Performance**



**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.