

**P/N: ER17505**  
**SIZE: A**

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

**CROSS REFERENCE**  
**LS17500**

**ELECTRICAL CHARACTERISTICS**

(Typical values for cells stored one year or less at +30°C (86°F) max.)

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)	3.4Ah
Maximum recommended continuous current: (at 25°C to 2.0V cut-off)	100mA
Maximum pulse current: (Current value is obtained by discharging cells for 15 seconds to 2.0V at 50% discharge depth at 25°C)	200mA
Operating temperature range: (Operation at different temperatures may lead to changes in capacity)	-55°C / +85°C (-67°F / +185°F)
Cell diameter (max.):	17.5mm
Cell height (max.):	50.5mm
Typical weight:	27g

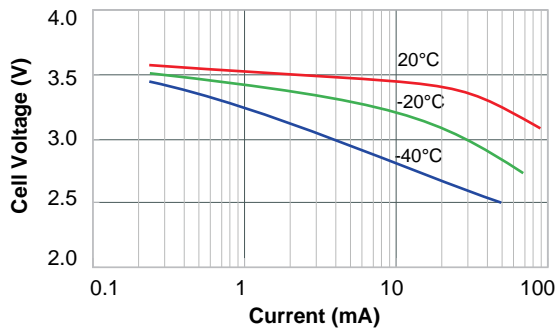
**Features**

- Stainless steel container
- Hermetic glass-to-metal sealing
- Extreme long operation
- Very low self discharge rate
- Wide range operation temperature
- UL Recognition File No. MH45994

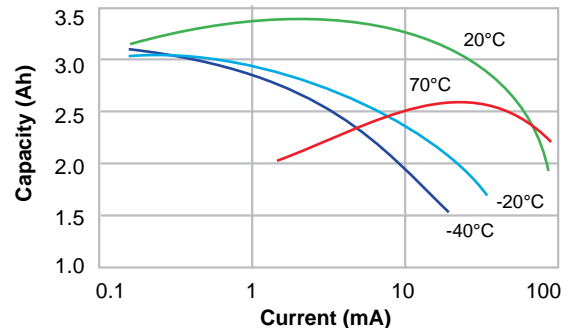
**Applications**

- AMR / Utility metering
- Electronic toll collection
- Radio communication
- Alarms / security systems
- RF transmitters
- Medical equipment
- Memory back-up
- Automotive electronics

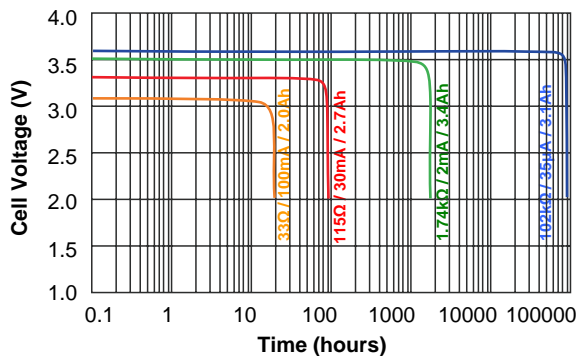
**Voltage versus Current and Temperature**



**Capacity versus Current and Temperature**



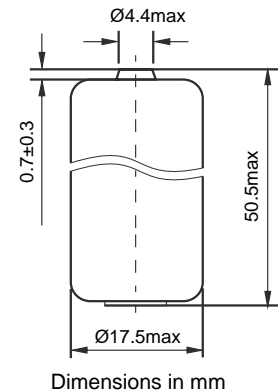
**Typical discharge profile at 25°C**



**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.