

P/N: ER34615M
 SIZE: D

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

CROSS REFERENCE
 LSH 20

ELECTRICAL CHARACTERISTICS

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

Nominal voltage:	3.6V
Nominal capacity: (At 15mA, +25°C and 2.0V cut off. Discharge capacity may vary with current drain, temperature and cut off voltage)	13.0Ah
Maximum recommended continuous current: (The value is determined at which half of nominal capacity is obtained at 2.0V cut-off, 25°C)	2000mA
Maximum pulse current: (A new cell with base current 10µA pulsed at 4000mA every 0.1 seconds per 2 minutes at +25°C yields voltage reading above 3.0V. The values may vary subject to different pulse conditions.)	4000mA
Operating temperature range: (Continuous current over 1A may lower the upper temperature range.)	-55°C / +85°C (-67°F / +185°F)
Typical weight:	110g

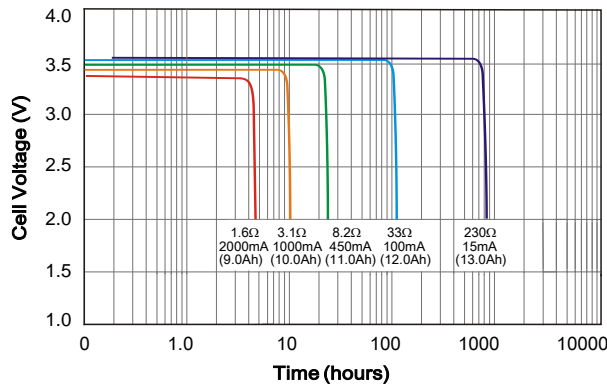
Features

- Hermetic glass-to-metal sealing
- Pressure release design
- High drain/pulse capacity
- High voltage response
- Wide operation temperature range
- Less than 3% self discharge rate per year at 25°C storage
- UL file no. MH45994

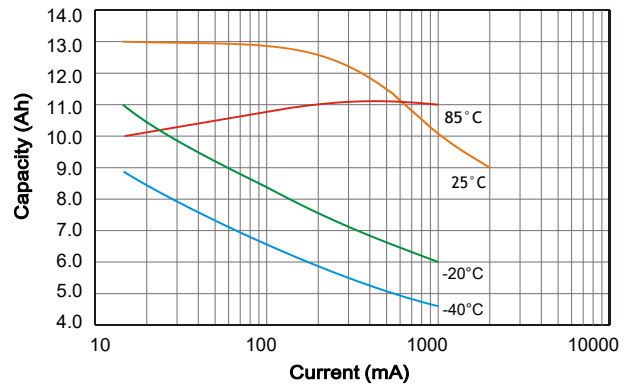
Applications

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

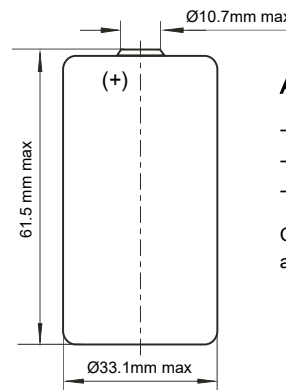
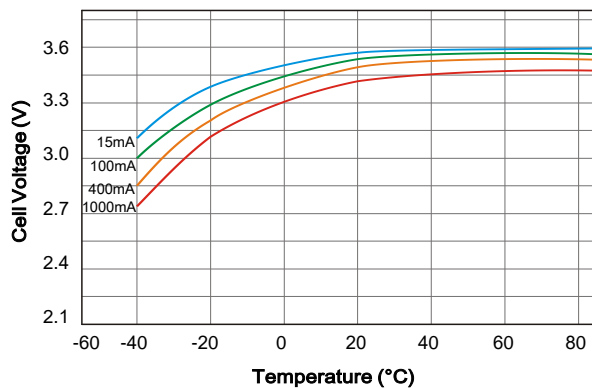
Typical discharge profile at 25°C



Capacity vs Current and Temperature



Voltage vs Current and Temperature



Available terminations:

- standard
- solder tabs
- axial leads

Custom terminations are 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.