

P/N: ER34615H
 SIZE: D

HIGH CAPACITY BOBBIN LITHIUM CELL
 Lithium Thionyl Chloride (Li/SOCl₂)

CROSS REFERENCE
 LS33600C, TL5930

ELECTRICAL CHARACTERISTICS

(Typical values for a cell in storage for one year or less at +30°C (86°F) max.)

Nominal voltage (@25°C):	3.6V
Norminal capacity: (At 2mA, +25°C 2.0V cut off. Discharge capacity may vary with current drain, temperature and cut off voltage)	19Ah
Maximum recommended continuous current: (To retain 50% of nominal capacity at 25°C, 2.0V cut-off)	150mA
Maximum pulse current: (Up to 300mA/0.1 second pulse, drained every 2 min at 25°C with base current 20µA on a cell discharged at 2mA to 50% depth, yielding voltage reading above 2.7V. The readings may vary.)	300mA
Operating temperature range: (Operation at different temperatures may lead to changes in capacity)	-55°C / +85°C (-67°F / +185°F)
Recommended storage temperature (max.)	+30°C (+86°F)
Typical weight:	103g

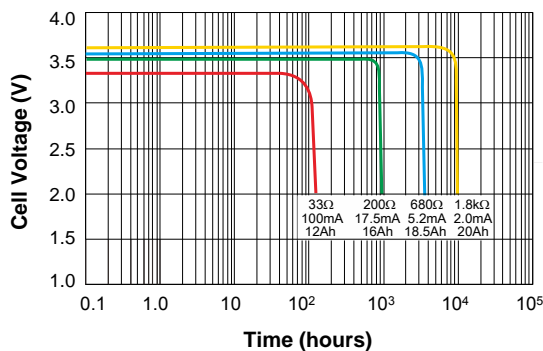
Features

- 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

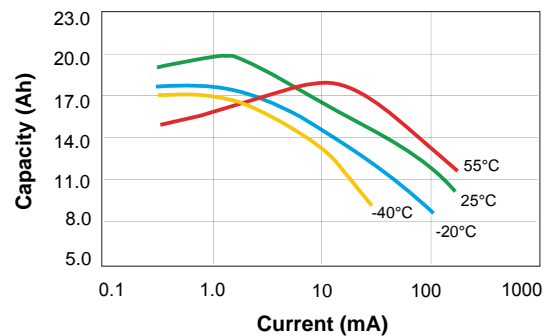
Applications

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

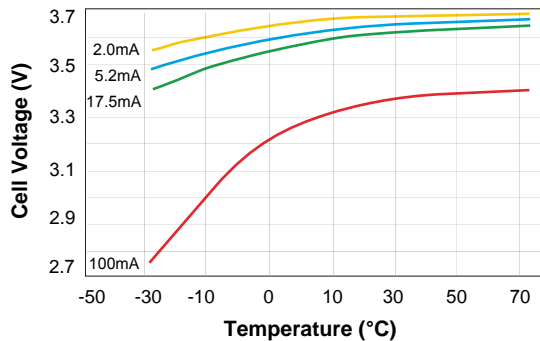
Typical Discharge Profile at 25°C



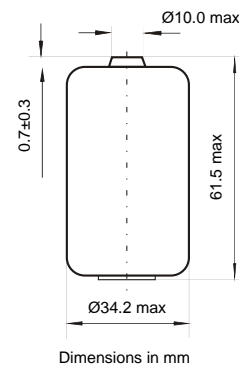
Capacity versus Current and Temperature



Voltage versus Current and Temperature



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.