

P/N: ER341245
 SIZE: DD

HIGH CAPACITY BOBBIN LITHIUM CELL
 Lithium Thionyl Chloride (Li/SOCI₂)

CROSS REFERENCE
 TL-4937, TL5937

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 3mA, +25°C 2.0V cut off. Discharge capacity may vary with current drain, temperature and cut off voltage) | 36Ah |
| Maximum recommended continuous current: (at 25°C to 2.0V cut-off) | 450mA |
| 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 / +85°C (-67°F / +185°F) |
| Cell diameter (max.): | 34.0mm |
| Cell height (max.): | 61.5mm |
| Typical weight: | 200g |

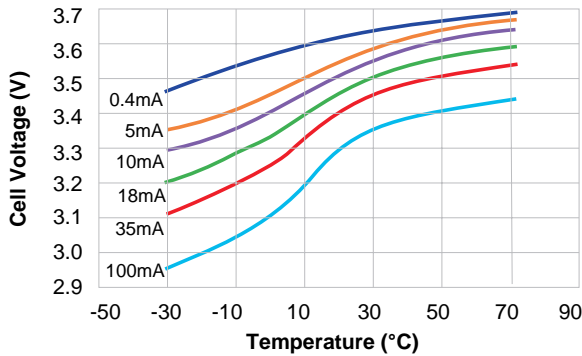
Features

- 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

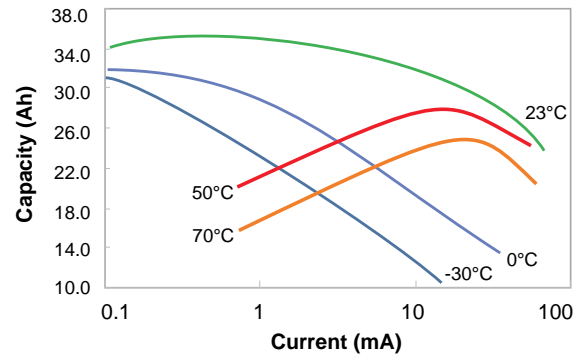
Applications

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

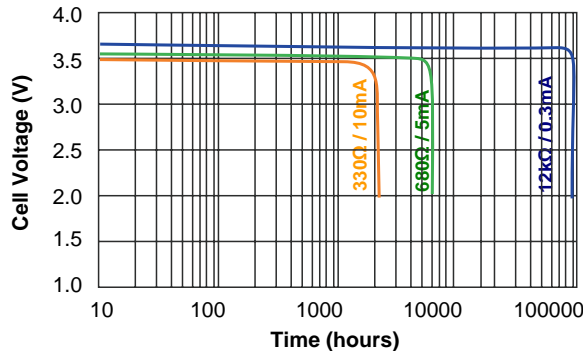
Voltage versus Current and Temperature



Capacity versus Current and Temperature



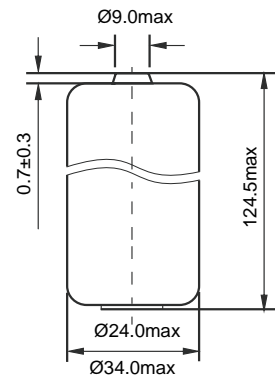
Typical discharge profile at 25°C



Available terminations

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

Custom terminations available upon request



Dimensions in mm

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.