P/N: ER34615SM
SIZE: D

HIGH TEMPERATURE LITHIUM CELL
Lithium Thionyl Chloride (Li/SOCl2)

CROSS REFERENCE
33-60-150MR: 4362

1. Electrical Characteristics (typical value for a cell in storage at +23±2°C for one year or less)

1.1. Nominal voltage (Rated at 36KΩ load (0.1mA) @+25°C):	3.68±0.5V
1.2. Nominal capacity (Rated at 50mA discharge @ +25°C, 2.0V cut-off)	13.0Ah
1.3. Maximum recommended continuous current: - Retaining 80% nominal capacity at +135°C, 2.0V cut off; Higher current possible subject to operation conditions.	200mA
1.4. Operating temperature range (-22°F to 302°F):	-30°C / +150°C
1.5. Self-discharge rate (per year at +25°C storage)	⩽ 3%
1.6. Typical Weight:	100 grams
1.7. Lithium Content (for transportation):	3.5 grams

Features

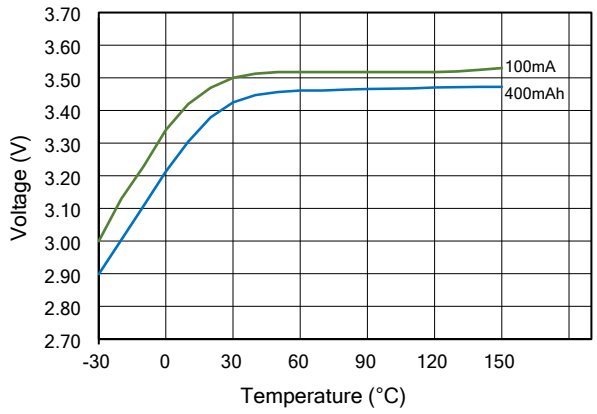
- High & stable operating voltage
- High energy density
- Reliable and longer performance
- Long shelf life over 10 years
- Stainless steel construction
- Hermetic glass-to-metal seal
- UL recognition file No. MH45994

Applications

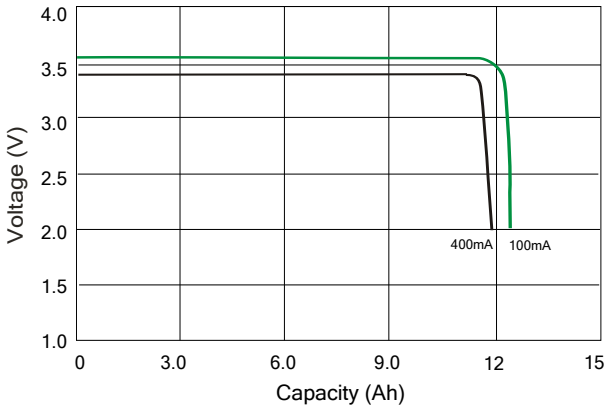
- Special utility meters
- Tracking and data logging
- Mining and oil well drilling
- Remote transmitting systems
- Automobile monitoring devices
- Medical equipment

2. Cell Performance (typical values for a cell in storage at +23±2°C for one year or less)

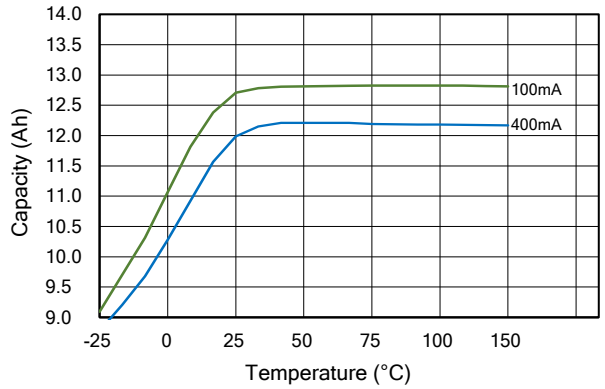
Voltage vs Temperature



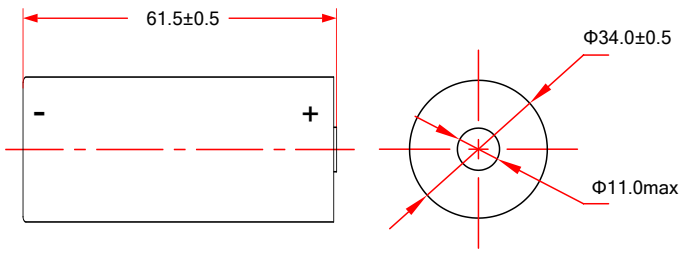
Typical Discharge Profile at 135°C



Voltage vs Capacity



3. Product Drawing (dimension in mm)



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