

P/N: ER14250S
 SIZE: 1/2AA

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

CROSS REFERENCE
 TLH-5902, 3B5700, 4161

SPECIFICATIONS

(Typical values for a battery stored at 30°C max. for six months or less)

Rated voltage (@+25°C)	3.6V
Norminal capacity: - Rated at 10mA discharge @+150°C, 2.0V cut-off voltage	600mAh
Maximum recommended continuous current: - Retaining 100% nominal capacity at +150°C, 2.0V cut off	50mA
Maximum pulse current capacity: - Voltage retains at 2.7V min. at 100mA pulse discharge within 0.1 second every 2 minutes on 20µA current base to a battery at 50% of its capacity pre-discharged at 10 mA @+150°C. It may vary.	100mA
Operating temperature range:	-20°C to +150°C (-4°F to 302°F)
Storage temperature (recommended)	+30°C (86°F) max.
Dimensions (max.)	- Diameter 14.65mm - Height 25.20mm
Typical weight:	10g

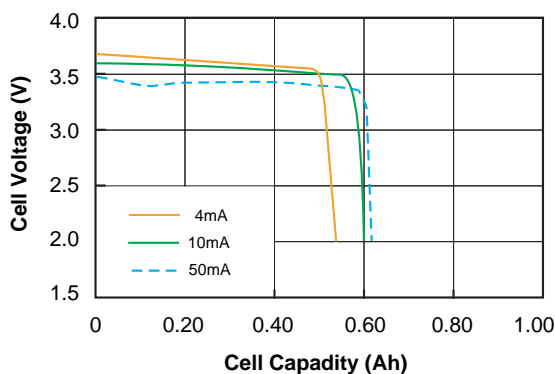
Features

- 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

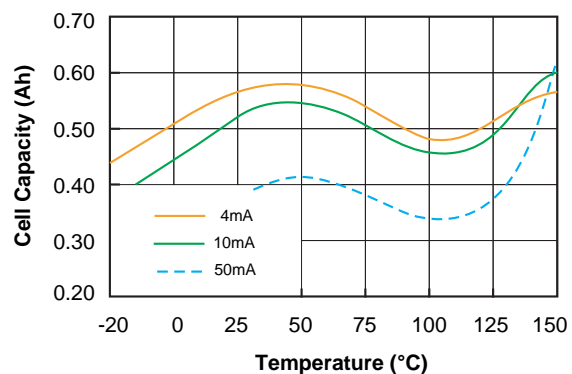
Applications

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

Discharge Profile at 150°C



Capacity versus Current and Temperature



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.