

P/N: ER14250SM  
 SIZE: 1/2AA

**HIGH TEMPERATURE LITHIUM CELL**  
**Lithium Thionyl Chloride (Li/SOCl<sub>2</sub>)**

**CROSS REFERENCE**  
 ER14250MR-145, 12-24-150LR:4161;  
 PMX150: 3B5700; BAT-ER1425S-HT

**SPECIFICATIONS** (Typical values of a cell in storage at 30°C max. for six months or less)

Nominal voltage	3.6V
Nominal capacity at 150°C: (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 2.7V min. at 100mA pulse for 0.1 second in every 2 minutes on a battery with 20µA base current and discharged at 10mA @+150°C to 50% SOC)	100mA
Operating temperature range: (-4°F to 302°F)	-20°C to +150°C
Storage temperature (recommended)	+30°C (86°F) max.
Dimensions (max.) - Diameter x Height	14.5mm x 25.2mm
Typical weight:	10g

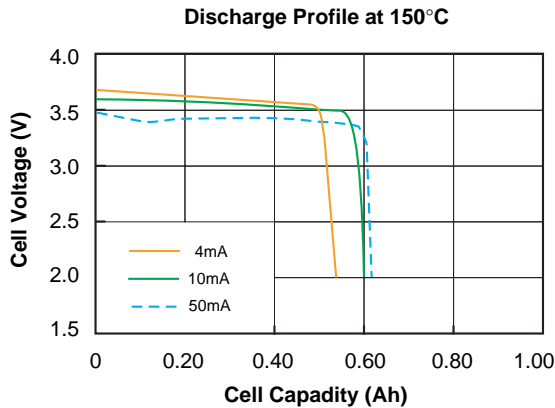
**Features**

- 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

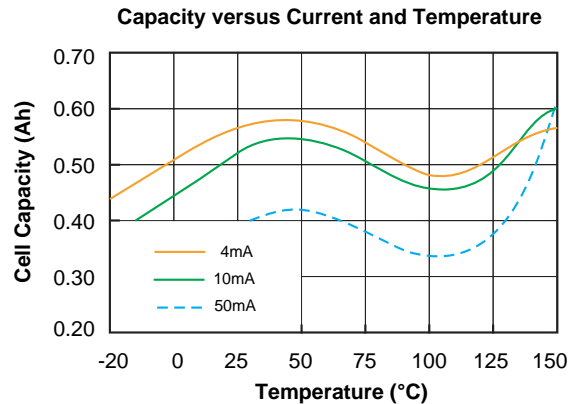
**Applications**

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

Transportation: Lithium content 0.22 grams.



ER14250SM (Ref. ER1425S-HT, without leads)



ER14250SMP (Ref. ER1425S-PM, with axial leads)



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.