

P/N: ER14250SM
 SIZE: 1/2AA

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

CROSS REFERENCE
 PMX150-3B5700, BAT-ER1425S-HT
 12-24-150MR, BAT-ER1425S-PM

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 at 2.7V min. at 100mA pulse in 0.1 second every 2 minutes to a battery of 50% discharge depth with 20µA base current (pre-discharged at 10 mA @+150°C).	100mA
Operating temperature range: (-40°F to 302°F)	-40°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

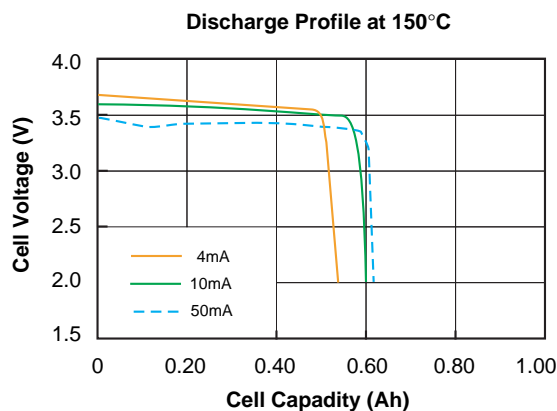
Features

- 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

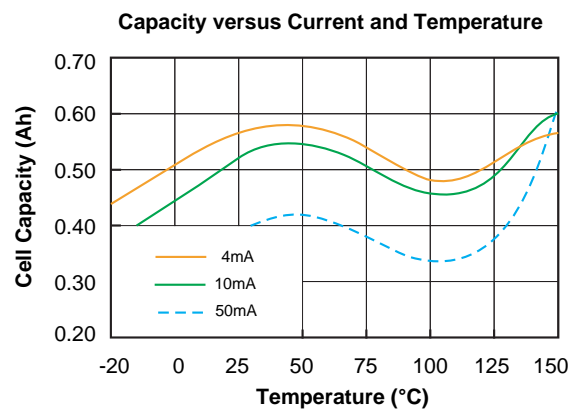
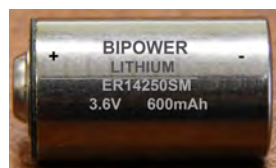
Applications

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

Transportation: Lithium content 0.18 grams.



ER142520SM (Ref. ER1425S-HT, without leads)



ER142520SMP (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.