

P/N: ER14505SM
 SIZE: AA

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

CROSS REFERENCE
 14-50-150R
 PMX150 - 3B1065

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 20mA discharge @+150°C, 2.0V cut-off voltage	1800mAh
Maximum recommended continuous current: - Retaining 100% nominal capacity at +150°C, 2.0V cut off	100mA
Maximum pulse current capacity: - Voltage should retain 2.7V min. at 200mA pulse discharge within 0.1 second in every 2 minutes on base current 20µA to a 50% discharged battery at 20mA @+150°C. It may vary.	200mA
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)	14.65mm x 50.50mm
Typical weight:	20g
Lithium content:	0.47g

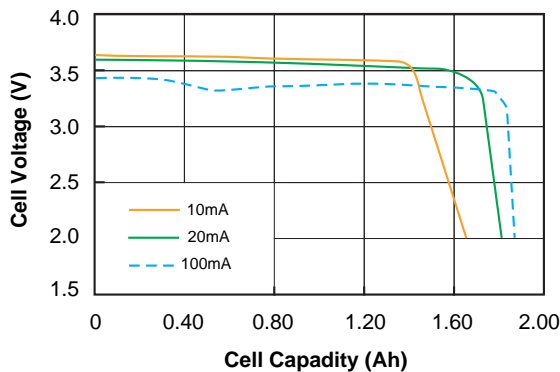
Features

- 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

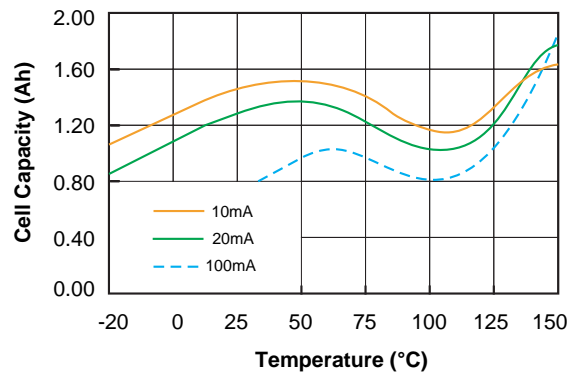
Applications

- 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.