

P/N: ER14505SM  
 SIZE: AA

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

**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:	-40°C to +150°C (-40°F to 302°F)
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

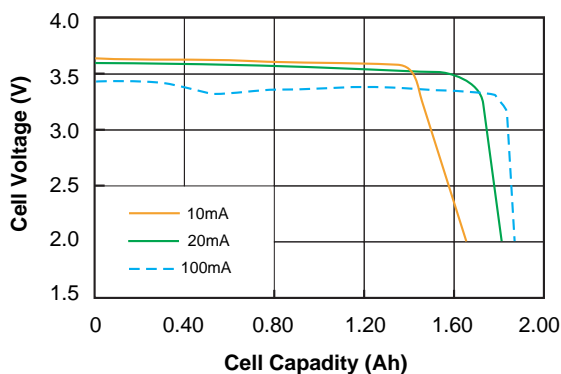
### Features

- 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

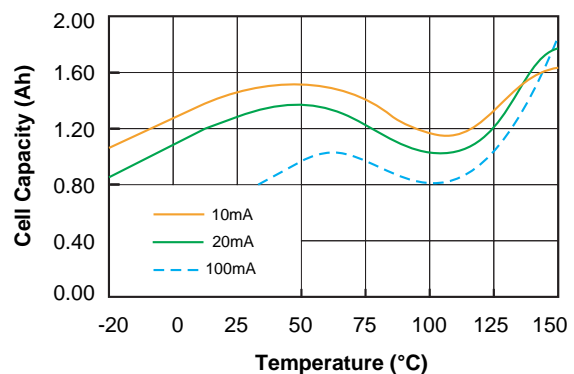
### Applications

- 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.