

P/N: ER26500SM
 SIZE: C

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

CROSS REFERENCE
 26-48-150MR:4264;
 PMX150:3B3700

1. Electrical Characteristics (typical value for a cell in storage at +25±5°C for one year or less)

1.1. Nominal voltage (Rated at 36KΩ load (0.1mA) @+25±5°C):	3.6V
1.2. Nominal capacity (Rated at 50mA discharge @ +25±5°C, 2.0V cut-off)	6.0Ah
1.3. Maximum recommended continuous current: - Retaining 90% nominal capacity at +135°C, 2.0V cut off; Higher current possible subject to operation conditions.	200mA
1.4. Operating temperature range: - Operation at temperature other than ambient may lead to reduced capacity and lower voltage plateau reading.	-30°C to +150°C (-22°F to 302°F)
1.5. Self-discharge rate (per year at +25±5°C storage temperature)	≤ 3%
1.6. Typical Weight:	55 grams
1.7. Lithium Content (for transportation):	1.62 grams

Features

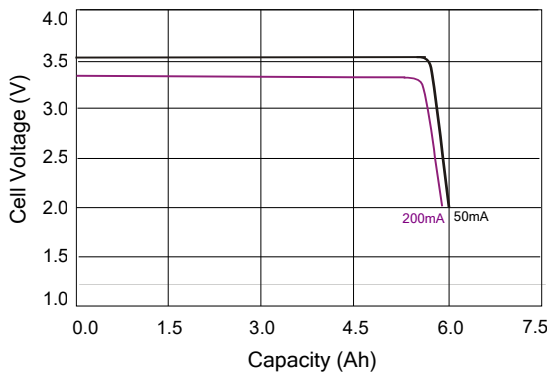
- High & stable operating voltage
- High energy density
- Reliable and longer performance
- Long shelf life over 10 years
- Stainless steel construction
- Hermetic glass-to-metal seal
- UL recognition file No. MH45994

Applications

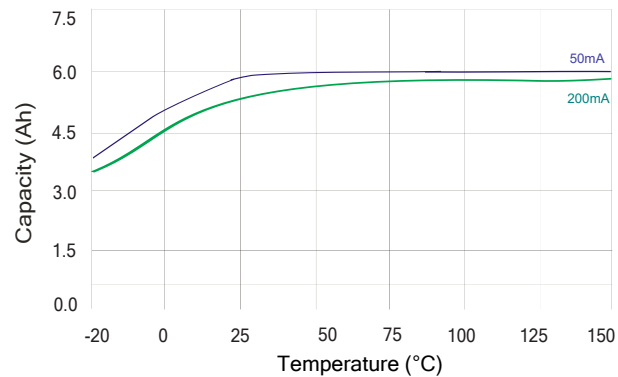
- Special utility meters
- Tracking and data logging
- Mining and oil well drilling
- Remote transmitting systems
- Automobile monitoring devices
- Medical equipment

2. Cell Performance (typical values for a cell in storage at +25±5°C for one year or less)

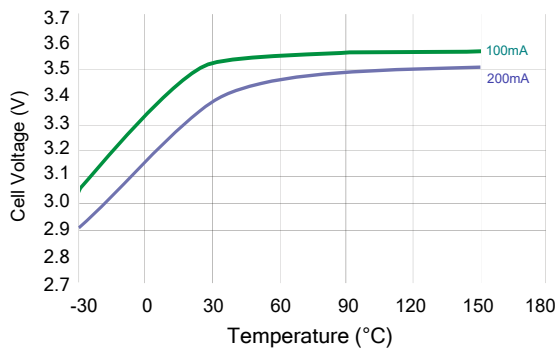
Typical Discharge Profile at 135°C



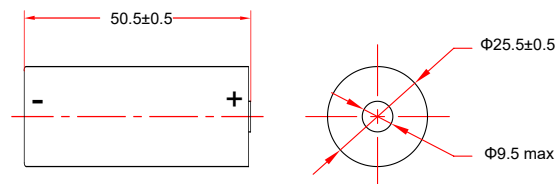
Capacity versus Temperature



Voltage versus Temperature



3. Product Drawing (dimensions in mm)



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.