

P/N: ER341245S
 SIZE: DD

HIGH PERFORMANCE LITHIUM CELL
 Lithium Thionyl Chloride (Li/SOCI₂)

CROSS REFERENCE
 33-127-150MR: 4422

Electrical Characteristics

Typical values for a cell in storage for six months at room temperature (25±5°C).

Open circuit voltage (@25°C):	3.65V
Rated capacity (discharged at 200mA @150°C, cut-off voltage 2.5V):	25Ah
Max. recommended continuous discharge current:	400mA
Max. pulse capacity: <small>A cell discharged at 200mA to 50% depth with base current 20µA pulsed at 800mA at 150°C for 0.1 second in every 2 minutes yields a voltage reading no lower than 2.7V. The value may vary with different pulse conditions.</small>	800mA
Operating temperature range:	-20°C to +150°C (-4°F to 302°F)
Typical weight:	220g
Cell diameter (max.):	33.5mm
Cell length (max.):	125.0mm

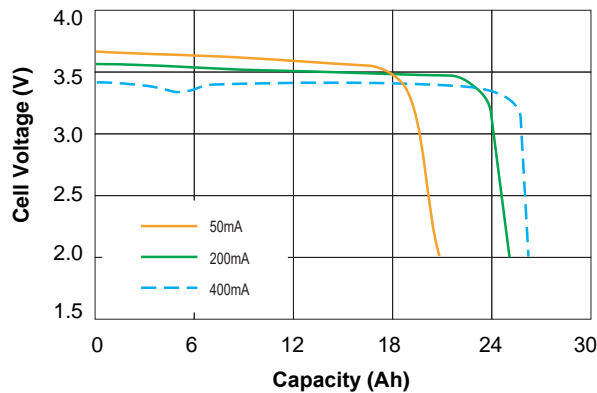
Features

- Stainless steel container
- Hermetic glass-to-metal sealing
- Extreme long operation
- Very low self discharge rate
- Wide range operation temperature
- UL Recognition File No. MH45994

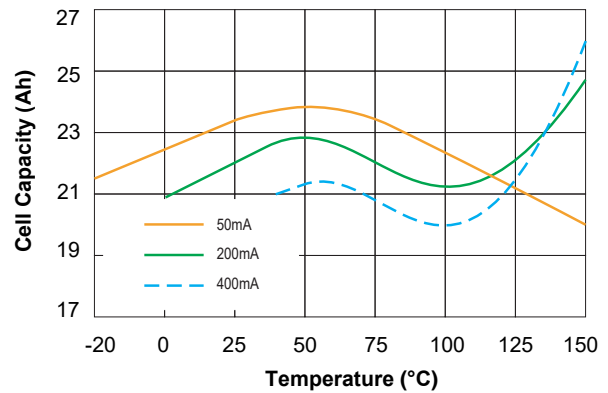
Applications

- Oil fields, mills exploration
- Data recording
- Navigation and aviation
- Radio communication
- Marine
- Electronics testing

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.