

P/N: ER251020S
 SIZE: CC

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

CROSS REFERENCE
 25-102-150MR: 4287, 4342

Electrical Characteristics

(For a cell in storage for six months or less at max. +30°C storage temperature)

Nominal voltage:	3.6V
Rated capacity (discharged at 100mA @150°C, cut-off voltage 2.0V):	12Ah
Max continuous discharge current: (discharged at 150°C to retain 100% of capacity)	200mA
Max pulse current: (400mA pulse current in 0.1 second for every 2 minutes at base current 20µA on a cell 50% drained at 20mA at 150°C, the cell voltage reading should be over 2.7V. The value may vary with operation conditions.)	400mA
Typical weight:	110g
Cell diameter (max.):	25.2mm
Cell length (max.):	102.0mm
Operating temperature range:	-20°C to +150°C (-4°F to 302°F)
Recommended storage temperature (max.):	+30°C

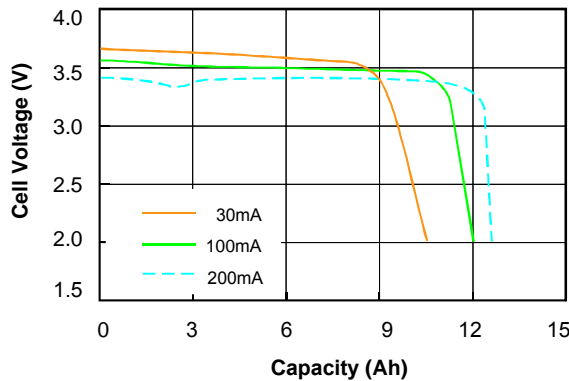
Features

- Stainless steel container
- Hermetic glass-to-metal seal
- High energy density
- Low self discharge
- High reliable working voltage
- UL Recognition File No. MH45994

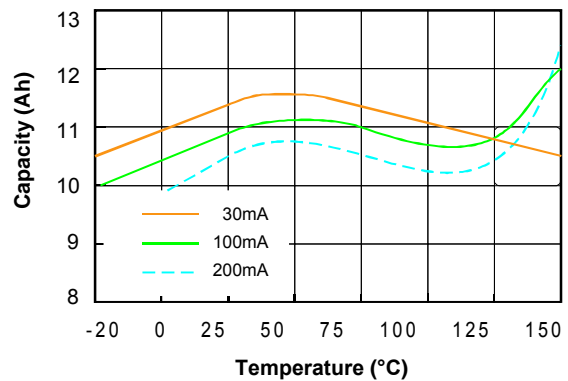
Applications

- Oil fields
- Exploration
- Aerospace
- Marine
- Detectors / monitors
- Data loggers
- Test equipment

Typical 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.