

# LS 26500

## 3.6 V Primary lithium thionyl chloride High Drain Capability C-size cell



For applications where quiescent current drains below 100  $\mu$ A, combined with 10-350 mA surimposed pulses are requested.

### Key features

- 2.0 g./7.8 Ah of introduced lithium
- High discharge voltage
- Low self discharge rate (*less than 1% after 1 year of storage at +20°C*)
- Stainless steel container
- Hermetic glass-to-metal sealing
- Built-in safety vent
- Finished with or without a 2.5 A fuse (Fused version non restricted for transportation)
- Compliant with IEC 86-4 safety standard
- UL Component Recognition (File Number MH 12609)

### Main applications

- Utility meters
- Automatic meter readers
- Automotive electronics
- Buoys
- GPS
- Measuring equipments
- Tracking systems
- Industrial applications  
... etc.

### Optional upon request

Low magnetism version.

### Cell size reference

**R14 - C**

### Electrical characteristics

Nominal capacity ( <i>at 5 mA +20°C 2.0 V cut off</i> )	7.3 Ah
Open circuit voltage	3.67 V
Nominal voltage ( <i>at 0.4 mA +20°C</i> )	3.6 V
Maximum 1 sec./mn. pulse capability ( <i>to stay above 2.5 V at +20°C</i> )	350 mA
Maximum recommended continuous current ( <i>to get 50% of the nominal capacity</i> )	170 mA
Operating temperature range ( <i>short excursions up to 100°C possible</i> )	-60/+85°C
Storage ( <i>recommended possible</i> )	+30°C max -60/+100°C

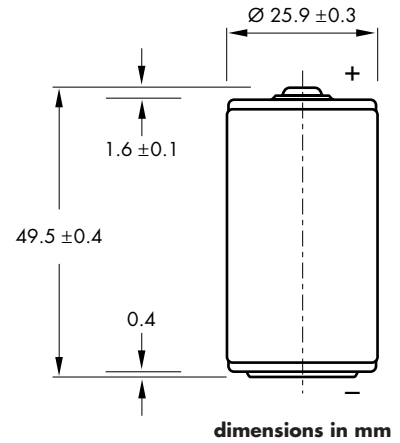
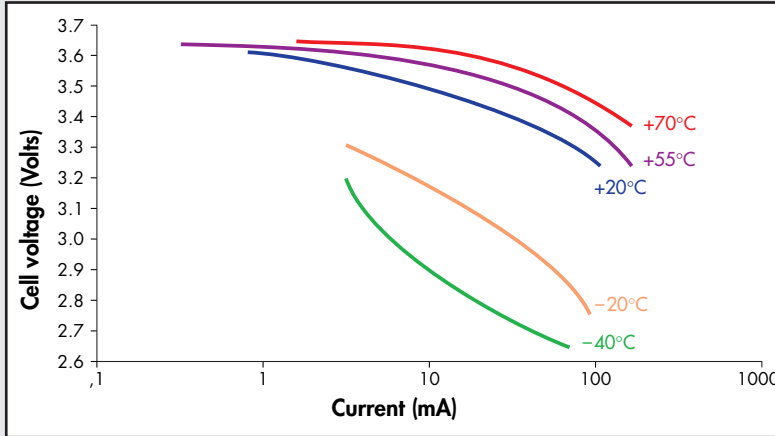
### Physical characteristics

Diameter ( <i>max</i> )	26.2 mm (1.03")
Height ( <i>max fused version</i> )	49.9 mm (1.96")
Weight	48 g
Available terminations suffix	- CNA (AX) axial leads - CNR (STD) radial tabs - FL flying leads... etc.

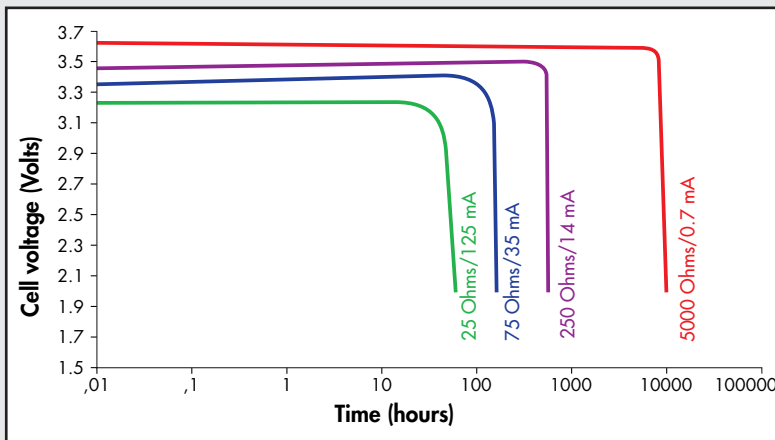
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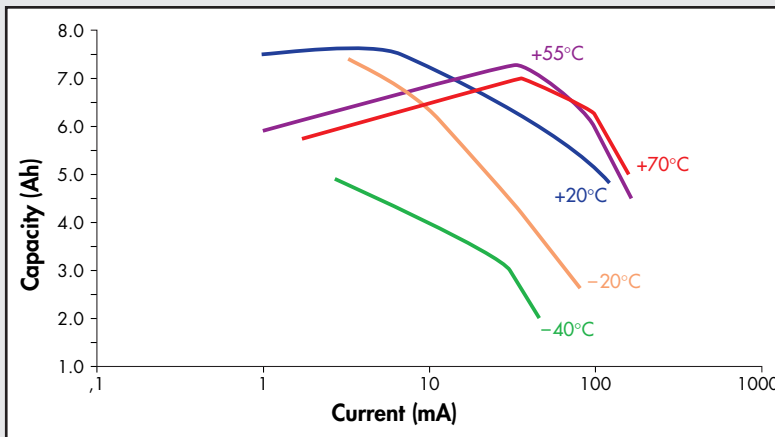
Voltage plateau versus Current and Temperature (at mid-discharge)



Discharge profiles at +20°C



Capacity versus Current and Temperature (cut off voltage 2.0 Volts)



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