

Datasheet LSA-8500C

Primary Lithium battery 3.6 V / 8.5 Ah

Type: LSA-8500C / 034000306

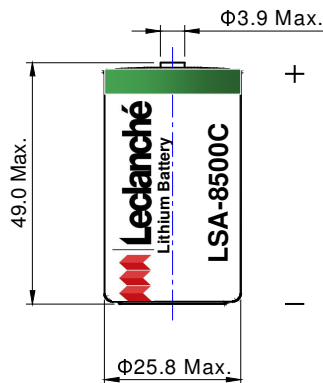
IEC: C – ER26500

System: Lithium Thionyl Chloride LiSoCl₂ - Bobbin

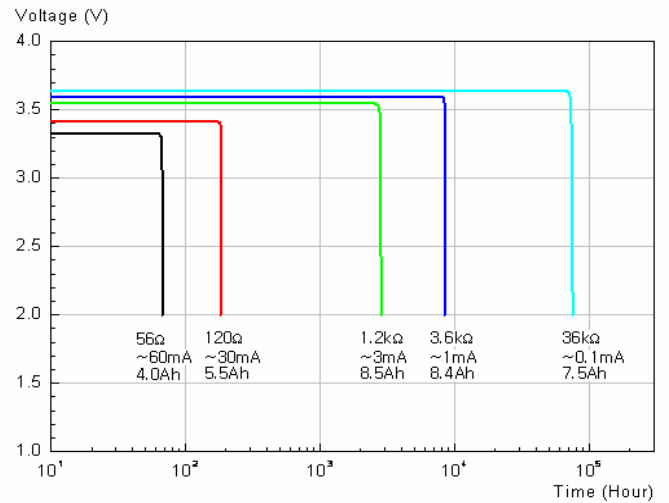
Issued	Checked	Approved
S.Ménières PM		P.Blanc CTO

Specifications (Typical values for cells stored for one year at 20°C)	
Nominal capacity (NC)	8.5 Ah (at a discharge current of 3mA, T° 20°C cut-Off voltage at 2.0V)
Nominal open circuit Voltage	3.67 V
Max continuous current	230 mA
Max pulse current	400 mA (0.1s drained every 3 minutes at 20°C) Yield voltage readings above 3.0 V. The readings may vary according to the previous story of the cell, temperature and pulse form. An assistance with capacitor may be advised, please consult Leclanché for product design.
Operating Temp	-55°C to +85°C
Weight	50 g
Volume	26 cm ²
Diameter	25.8 mm max
Height	49 mm max
Lithium metal content	Approx 2 g
UN Class	9
General characteristics	
Hermetic glass-to-metal sealing	
Low self-discharge rate	< 2% per year at room temperature
Long shelf life	over 10 years (without load at room temperature of 20°C)
High energy density	up to 700 Wh/Kg
Non flammable inorganic electrolyte	
High and stable operating voltage	
UL approval and ISO 9001 certified company	
Broad temperature range	-55°C to +85°C

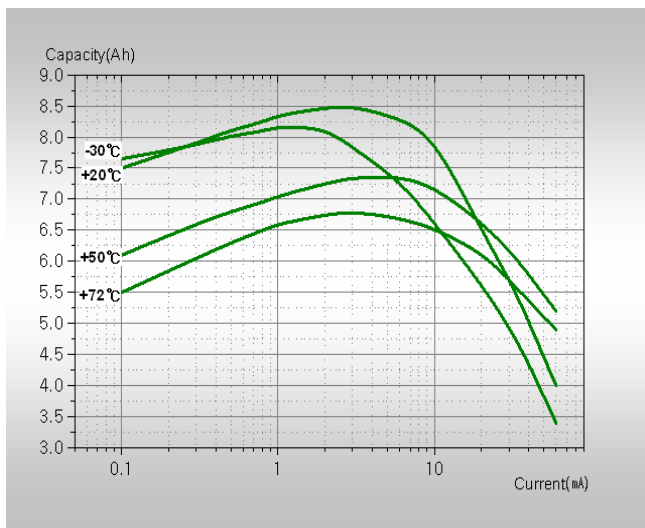
Dimensions in mm



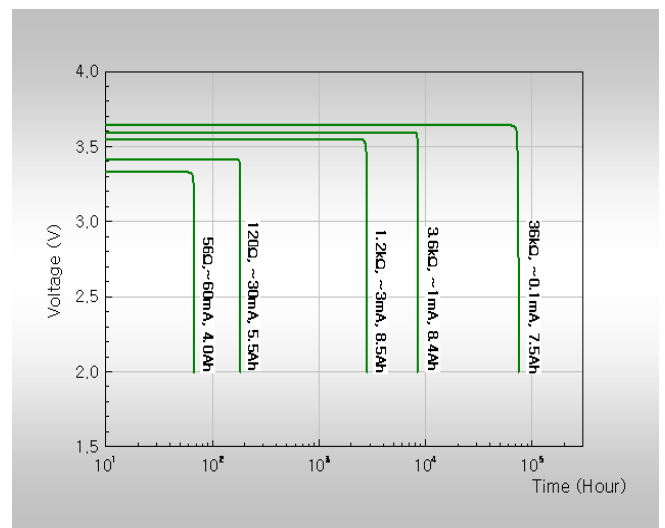
Operating voltage



Capacity vs Current



Discharge characteristics at 20 °C



Warning

- Fire and explosion and severe burn hazard
- Do not recharge or short circuit
- Do not crush, disassemble, heat above 150°C (262°F)
- Do not incinerate or expose contents water
- Dispose of used battery promptly
- Do not solder directly to cell, use terminals
- Cell should be stored in a clean, cool (+25°C max), dry and ventilated place.

Available terminals:

- Solder tags
- 2 or 3 pins radial
- Axial leads
- Wire with connector
- Etc...

Important information:

This datasheet contains typical information specific to products manufactured at the time of its publication and does not constitute a guarantee or warranty with respect to any cells and batteries. Cell/Battery performance and service life depend on the operating temperature, storage conditions, cut-off voltage and load applied in a specific application. It is the responsibility of each user to ensure that each application is adequately designed in terms of safety and usage conditions and is in conformance with existing standards and requirements. All specifications are subject to change without notice.