



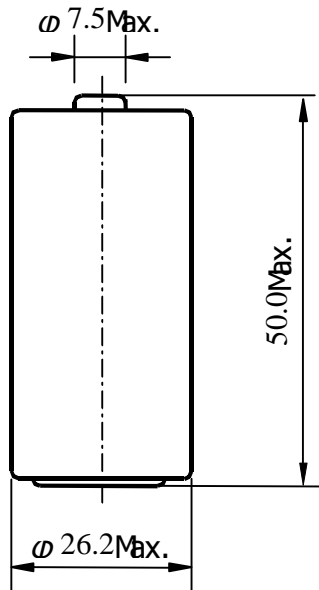
ENGLISH

Datasheet

RS Article:1835710

RS PRO Lithium Thionyl Chloride Battery





S: Standard termination

Notes:

Dimension: mm

Special terminations can be Made as requested.

T: Solder tabs

P: Axial pins

Important Notes:

Do not short or charge the battery.

Over-discharging, crushing, incinerating, and disassembling the battery are prohibited.

Do not heat/use the battery beyond the permitted temperature range.

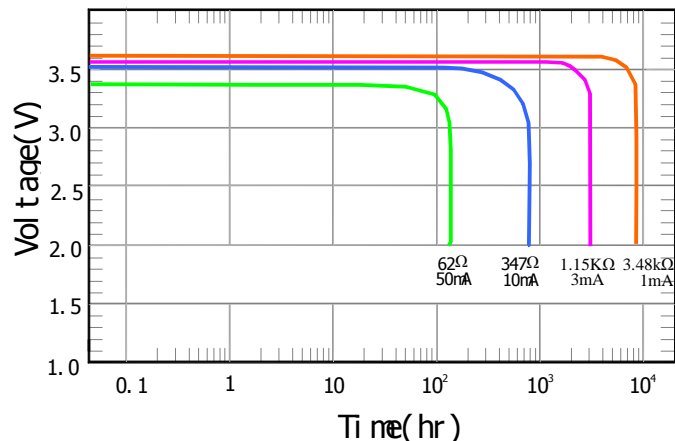
MODEL NO.: ER26500

SPECIFICATION : ($23 \pm 2^\circ\text{C}$)

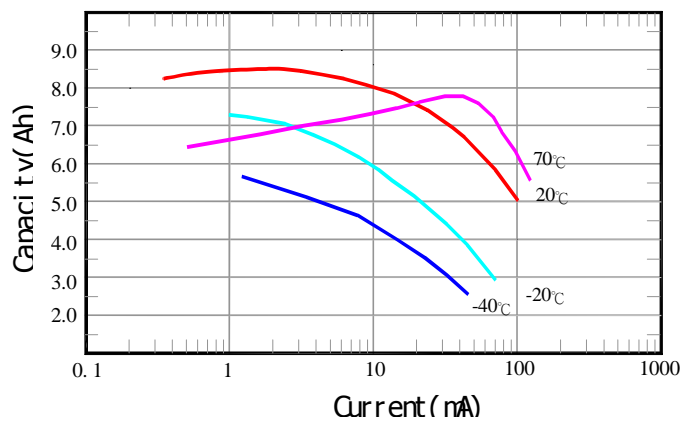
Nominal capacity (3mA ~ 2V):	8.5Ah
Rated voltage:	3.6V
Max constant current of discharge:	130mA
Max discharge current (pulse):	400mA
Weight:	53g
Operating temperature range:	$-55 \sim 85^\circ\text{C}$



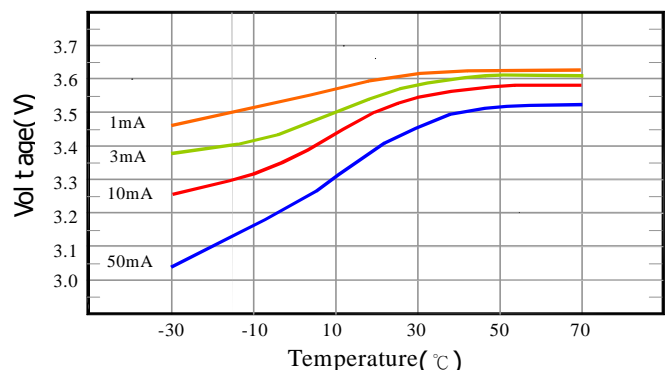
Discharge characteristics at $23 \pm 2^\circ\text{C}$



Capacity VS. Current



Voltage VS. Temperature



Benefits:

- High Energy density
- High Voltage stable during most of applications lifetime
- Wide range of operating temperature (-55°C +85°C)
- Long storage life
- Low self-discharge rate 1% per year at 20°C
- Long Shelf life due to its full-sealing structure: It can be stored for more than 15 years.

Main application

- Intelligent Instrument and meter
- Memory and standby power
- Alarms and security devices
- Automotive electronics
- Electronic toll collection
- Military devices