

Bobbin Cell

Part number: ELE-ER26500-BAK

Primary Lithium Battery

ER26500 C 3.6V 9Ah



3.6V Primary lithium-thionyl chloride
(Li-SOCl₂) Energy Type

For low drain/long term operating applications requesting superior voltage response in -55°C ~+85°C environments

Cell size references

UM2-R14-C

Alternative models LS26500/LST26500/LS26500C/TL4920/TL5920/SB-C02

Electrical characteristics

(Typical values relative to cells stored for one year or less at +30°C max.)

Nominal capacity	9Ah
(At 2mA +20°C, 2.0V cut off. The capacity restored varies according to current, temperature, cut off)	
Open circuit voltage (At 20°C)	3.66V
Nominal voltage (At 2mA +20°C)	3.6 V
Max. continuous current (at +20°C)	200mA
Typical Max. continuous current (at +20°C)	400mA

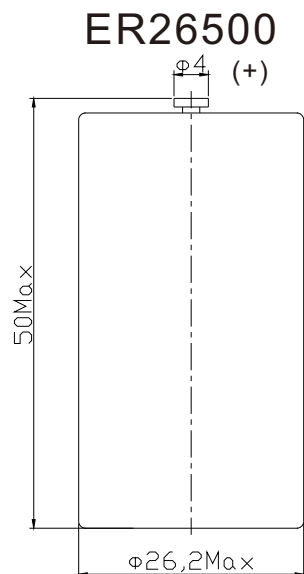
Pulse capability: Typically up to 200mA (400mA/0.1second pulses drained every 2min at 20°C from cells with 50µA base current, yielding voltage readings above 3.0V. The readings may vary according to pulse characteristics, temperature and cell's previous history. Fitting the cell with a capacitor may be recommended in severe conditions. Consult ACT if necessary)

Storage (recommended) +30°C(+86°F)Max

Operating temperature range -55°C~+85°C
(High and low temperatur will lower the capacity and load voltage.) -76°F~+185°F

Physical characteristics

Diameter(Max)	26.2mm(1.02in)
Height(Max)	50.0mm(1.98in)
Typical weight	53g(1.8oz)
Available terminal suffix	radial tabs, radial pins, axial leads, flying leads



Key features

- >High and stable load voltage
- >Superior drain capacity
- >Low self-discharge rate
(less than 1% after 1 year of storage at 20°C)
- >Stainless steel container
- >Hermetic glass-to-metal sealing
- >Laser welding
- >Non-flammable electrolyte

Main applications

- >Radiocommunication and other military applications
- >Alarms and security systems
- >Beacons and emergency location transmitters
- >GPS equipment
- >Metering systems
- >Led lighting applications
- >Others

Storage

- >Cells should be stored in a clean & dry (less than 30% RH) area
- >Temp. should not exceed +30°C

Warning

- >Do not use if cell casing is mangled
- >Do not use different model of cell in series
- >Soldering the tag should be finished in few seconds
- >Do not try to recharge

