

# UHE-ER26500-X: C size bobbin cell (Generation X)

## Technical Datasheet



### Technical Specifications

Part No	UHE-ER26500-X
Model No	ER26500-X
Cell Type	Primary, non-rechargeable
Chemistry	Lithium Thionyl Chloride
Voltage CCV	3.4 to 3.0V (temperature and load dependent)
Open Circuit Voltage	3.65V
Minimum Cut-off Voltage	2.0V
Nominal Capacity at 2mA	9.0Ah to 2.0V @ +23°C
Capacity Range	7.5 - 9.0Ah 0–60°C (temperature and load dependent)
Max. Constant Discharge Current	100mA
Pulse Capability <sup>1</sup>	Up to 200mA, 1.0 second pulse
Weight	56 ± 2g
Lithium Metal Content	2g
Operating Temperature <sup>2</sup>	-55°C to +85°C <sup>3</sup>
Storage Temperature	+30°C max., store at ≤ 20°C to minimize passivation and self-discharge
Exterior/Housing	304 stainless steel
Terminals/Connector	Button cap, radial tabs, radial pins, axial leads, flying leads, wire. Custom termination available
Safety	UL 1642 UN 38.3 (transportation)
Transportation	Excepted Dangerous Goods UN 3091: Packed with or contained in equipment Air Shipment: Packing Instruction 969 and 970, Section I Class 9 Dangerous Goods UN 3090: Bulk shipment Air shipment: Packing Instruction 968, Section IA

### Note(s)

- Varies according to pulse characteristics, temperature, cell history and the application. Consult Ultralife for exact performance under your pulse load.
- Operation at extreme ranges (temperature or current) may lead to reduced capacity and lower voltage readings at beginning of pulses. Consult with Ultralife for your application.
- Exceeding the maximum temperature rating of 85°C may cause cell leaks, excessive expansion of case hardware, and / or decomposition of case shrink wrap.

### Features

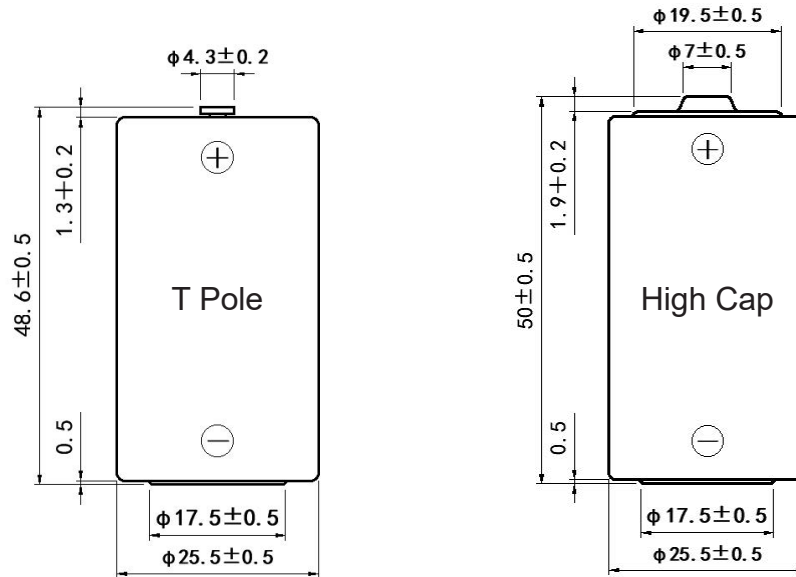
- High and stable operating voltage
- Superior current capability
- Low self-discharge rate (less than 1% after 1 year of storage at +23°C)
- Hermetic glass-to-metal seal
- Non-flammable, non-heavy metal electrolyte
- Laser welded can seal

### Applications

- Utility metering
- Autometer readers
- Measuring equipment
- Industrial applications
- Professional electronics
- Buoys
- Sensors

and more...

## Dimensions



\* Dimensions for reference, for details please refer to the specific drawings.

\* T Pole is for use in gas metering.

Unit: mm

## Performance Graphs

