

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

Technical Datasheet

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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 ¹	Up to 200mA, 1.0 second pulse
Weight	56 ± 2g
Lithium Metal Content	2g
Operating Temperature ²	-55°C to +85°C ³
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
Notes	- 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.

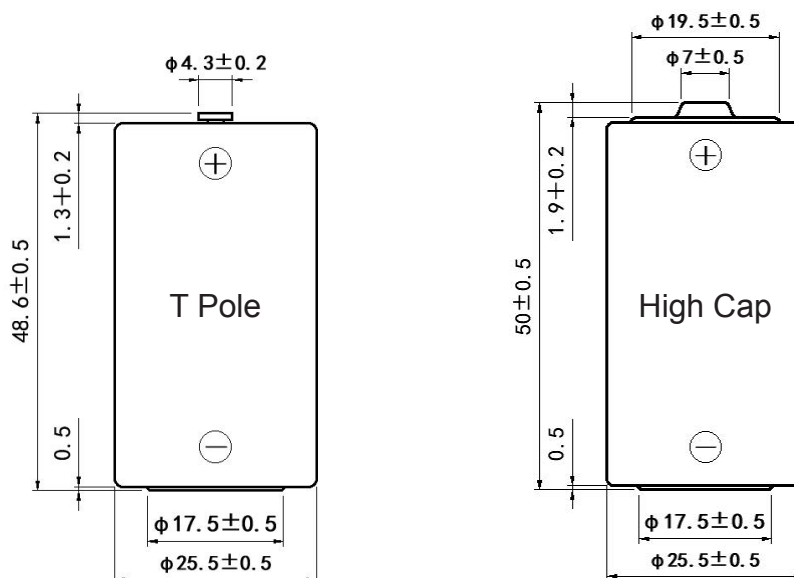
Features

- 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

