

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 Capability¹	Up to 200mA, 1.0 second pulse
Weight	56 ± 2g
Lithium Metal Content	2g
Operating Temperature²	-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

Note(s)

1. Varies according to pulse characteristics, temperature, cell history and the application. Consult Ultralife for exact performance under your pulse load.
2. 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.
3. 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

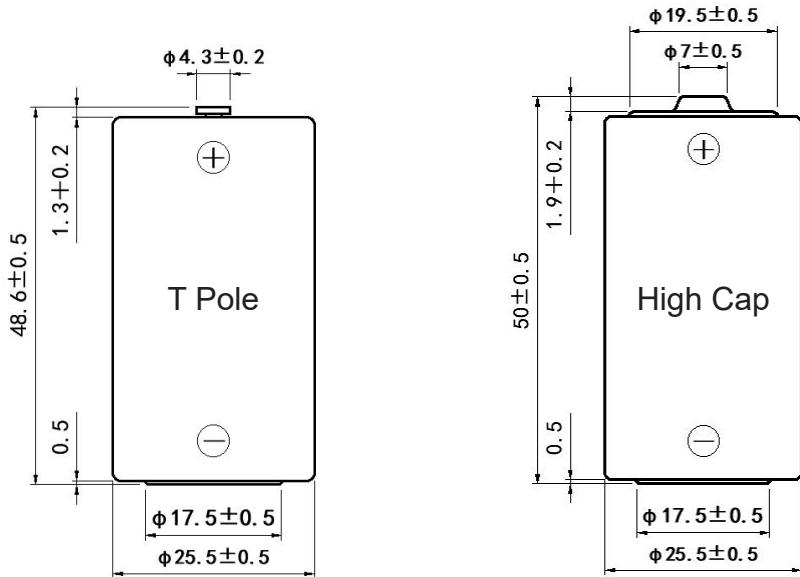
- High and stable operating voltage
- Superior current capability
- Low self-discharge rate (less than 1% after 1 year of storage at +23°C)
- Hermetic glass-to-metal seal
- Non-flammable, non-heavy metal electrolyte
- Laser welded can seal

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

