

UHR-ER26500-X2: C size spiral cell (Generation X2)

Technical Datasheet



Technical Specifications	
Part No	UHR-ER26500-X2
Model No	ER26500M-X2
Cell Type	Primary, non-rechargeable
Chemistry	Lithium Thionyl Chloride
Voltage CCV	3.4 to 3.0V depending on mA load and temperature
Open Circuit Voltage	3.65V
Nominal Capacity at 2mA	6.0Ah to 2.0V @ +23°C
Min. Cut-off Voltage	2.0V
Max. Constant Discharge Current	1000mA
Pulse Capability ¹	Typically up to 2000mA (2000mA/0.1 second pulses, drained every 2 min at +20°C)
Weight	60g
Lithium Metal Content	1.6g
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
Safety	UN 38.3 (transportation)
Transportation	UN 3090 Dangerous Goods Class 9, Lithium Content >1.0 g, <5.0 g If packed in or with equipment (UN 3091), contact Ultralife for guidance or other questions.

Features

- High and stable operating voltage
- Superior current capability
- Low self-discharge rate (less than 2% after 1 year of storage at +23°C)
- Hermetic glass-to-metal seal
- Non-flammable, non-heavy metal electrolyte
- Finished product with PCBA use fuse & diode for safety
- Laser welded can seal

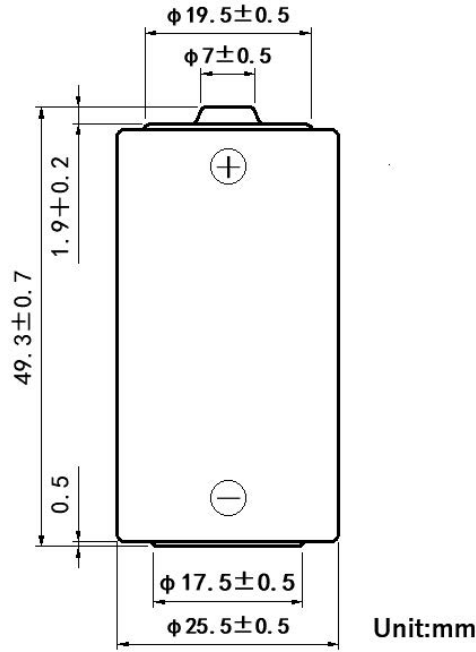
Applications

- Radio communication and other military applications
- Alarms and security systems
- Transmitters
- GPS
- LED lighting applications
- Pulse discharge
- Sensors
- Other high current application

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.

Dimensions



Performance Graphs

