

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

Technical Datasheet

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HiRate™

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 (temperature and load dependent)
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	UL 1642 - pending UN 38.3 (transportation) (technician replaceable)
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.
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.

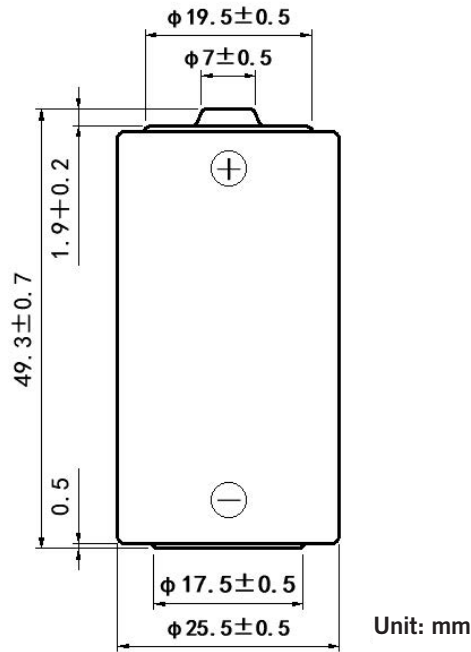
Features

- High and stable operating voltage
- Superior current capability
- Low self-discharge rate (less than 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

Dimensions



Performance Graphs

