

UHR-ER34615-X: D size spiral cell (Generation X)

Technical Datasheet

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HiRate™

Technical Specifications

Part No	UHR-ER34615-X
Model No	ER34615M-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
Nominal Capacity at 10mA	14.5Ah to 2.0V @ 23°C
Capacity Range	10-14.5Ah 0-60°C (temperature and load dependent)
Max. Constant Discharge Current	1800mA
Pulse Capability ¹	Typically up to 3000mA (3000mA/0.1 second pulses, drained every 2 min at +20°C)
Weight	108g
Lithium Metal Content	4g
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
Protection	PTC anti-short-circuit device
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	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 2% after 1 year of storage at 23°C)
- Hermetic glass-to-metal seal
- Non-flammable, non-heavy metal electrolyte
- Finished product with PTC for safety
- Laser welded can seal

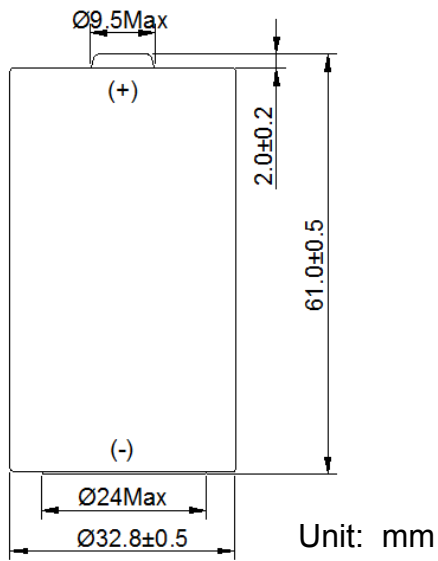
Applications

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

Replacement For

- LSH20
- TL2300
- SW-D02

Dimensions



Performance Graphs

Unit: mm

