UHR-ER34615-X: D size spiral cell construction
## Technical Datasheet

Features

- High and stable operating voltage
- Superior current capability
- Low self-discharge rate (less than 2% after 1 year of storage at 23℃)
- Hermetic glass-to-metal seal
- Non-flammable Non-Heavy metal electrolyte
- Finished product with PTC or fuse 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

Specifications	
Part Number	UHR-ER34615-X
Cell type	Primary, non-rechargeable, Lithium thionyl chloride
Voltage CCV	3.4 to 3.0 V depending on mA load
Open circuit voltage	3.65 V
Nominal Capactiy	14.5Ah @10mA to 2.0v @ 23° C
Capacity Range	10 Ah-14Ah 0° C-60° C
Max. Constant Discharge Current	1800 mA
Pluse Capability	Up to 3000 mA 0.1s/2min. Varies according to pulse characteristics, temperature, cell history and the application. Consult Ultralife for exact performance under your pulse load.
Operating Temp Range continuous Dischar	-55° C to 85° C. 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.
Storage Temp	30° C MAX. Store at ⩽ 20 ℃ to minimize passivation and self-discharge
Exterior/Housing	304 stainless steel
Terminals/Connector available	Radial tabs/ radial pins/axial leads/flying leads button cap
Safety	UN38.3 & UL1642
Transportation	Class 9
Mass	108 g
Quality Assurance	Ultralife manufacturing facilities are ISO 9001:2015, ISO 14001:2015 and ISO13485:2016 registered. Its products are listed under the Component Recognition Program of Underwriters Laboratories (UL) and have passed UN transportation testing, which is required for international transportation of all lithium batteries.

Dimentions

φ25.5±0.5
φ9±0.5
2.0+0.2
61.5±0.5
0.5
φ23.5±0.5
φ33±0.5

Unit:mm
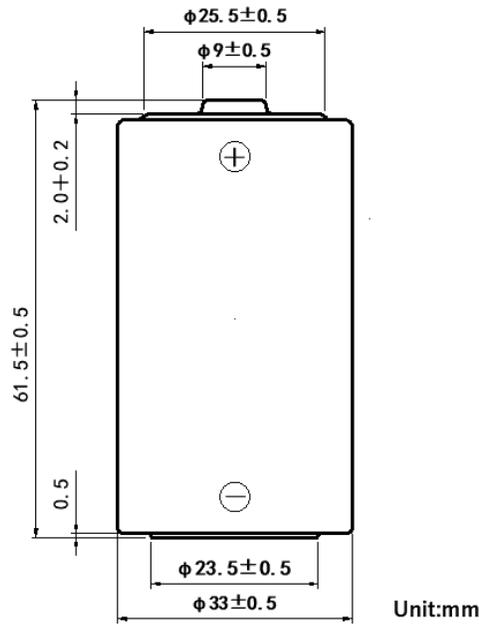
Typical Performance Graphs

RT Capacity test at different rates

177 mA
354 mA
532 mA
709 mA
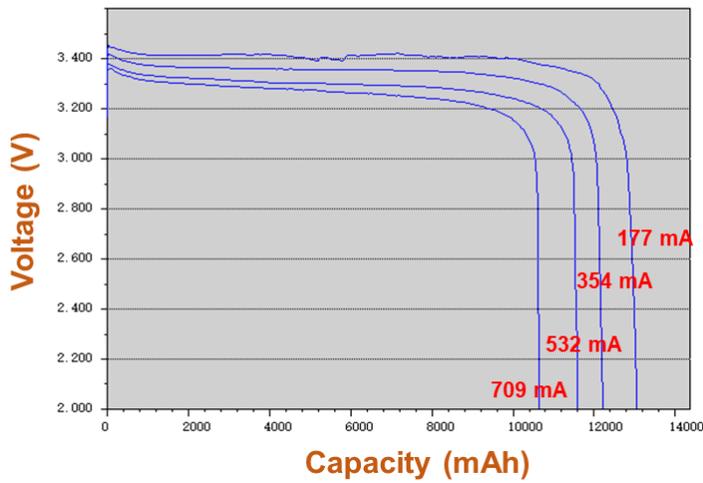
Pulse 59.0 s 177 mA 1.0 s 900 mA at 25 C. to 2.0 V

- ■ 85 °C
- ● 50 °C
- ▲ 25 °C
- ▼ 0 °C
- ◆ -20 °C
- ◄ -40 °C