

UHR-ER14505-H: AA size spiral cell (power type)

Technical Datasheet



Technical Specifications

Part No	UHR-ER14505-H
Cell Type	Primary, non-rechargeable
Chemistry	Lithium Thionyl Chloride
Voltage Range	2.0 to 3.7V
Nominal Voltage	3.6V
Nominal Capacity ¹	2Ah
Max. Continuous Discharge	400mA
Max. Pulse Discharge	Up to 800mA (life, temperature and application dependent)
Weight	19g
Operating Temperature ²	-55°C to +85°C
Storage Temperature ³	+30°C max.
Exterior/Housing	Stainless steel
Terminals/Connector	Radial tabs/ radial pins/axial leads/flying leads
Safety	AL-MSDS/RD-001
Transportation	Excepted from regulations - A complete description of transportation regulations, lithium weights and transportation classifications is available on the Ultralife website.
Quality Assurance	Ultralife manufacturing facilities are ISO 9001:2008 and ISO 14001:2004 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.

Features

- High and stable operating voltage
- Superior drain capability
- Low self-discharge rate (less than 2% after 1 year of storage at 23°C)
- Hermetic glass-to-metal sealing
- Non-flammable electrolyte

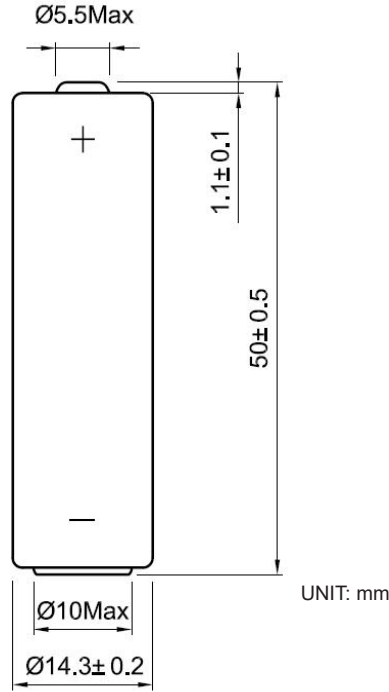
Applications

- Radio communication and other military applications
- Alarms and security systems
- Transmitters
- GPS
- LED lighting applications
- Others

Notes

1. Discharged using 1mA to 2.0V @ +23°C.
2. Operation at extreme ranges (temperature or current) may lead to reduced capacity and lower voltage readings at beginning of pulses. Consult with Ultralife.
3. For additional conditions please consult Ultralife.

Dimensions



Performance Graphs

