

# UHE-ER14505-H: AA size bobbin cell (energy type)

## Technical Datasheet



### Technical Specifications

<b>Part No</b>	UHE-ER14505-H
<b>Cell Type</b>	Primary, non-rechargeable
<b>Chemistry</b>	Lithium Thionyl Chloride
<b>Voltage Range</b>	2.0 to 3.7V
<b>Nominal Voltage</b>	3.6V
<b>Nominal Capacity <sup>1</sup></b>	2.4Ah
<b>Max. Continuous Discharge</b>	100mA
<b>Max. Pulse Discharge</b>	Up to 200mA (life, temperature and application dependent)
<b>Weight</b>	18g
<b>Operating Temperature <sup>2</sup></b>	-55°C to +85°C
<b>Storage Temperature <sup>3</sup></b>	+30°C max.
<b>Exterior/Housing</b>	Stainless steel
<b>Terminals/Connector</b>	Radial tabs/ radial pins/axial leads/flying leads/nickel plated end caps with other terminals
<b>Safety</b>	AL-MSDS/RD-001
<b>Transportation</b>	Excepted from regulations - A complete description of transportation regulations, lithium weights and transportation classifications is available on the Ultralife website.
<b>Quality Assurance</b>	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

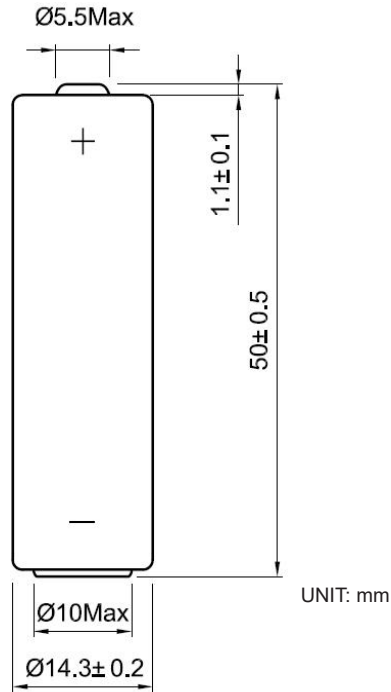
### Applications

- 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

