

# UHE-ER14250-H: 1/2AA size bobbin cell (energy type)

## Technical Datasheet



### Technical Specifications

<b>Part No</b>	UHE-ER14250-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>	1.2Ah
<b>Max. Continuous Discharge</b>	50mA
<b>Max. Pulse Discharge</b>	Up to 100mA (life, temperature and application dependent)
<b>Weight</b>	10g
<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 <sup>4</sup></b>	Excepted Dangerous Goods UN3091: Packed with or contained in equipment Air Shipment: Packing Instruction 969 and 970, Section I
<b>Quality Assurance</b>	Class 9 Dangerous Goods UN3090: Bulk shipment Air shipment: Packing Instruction 968, Section IB  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 1year of storage at 23°C)
- Hermetic glass-to-metal sealing
- Non-flammable electrolyte

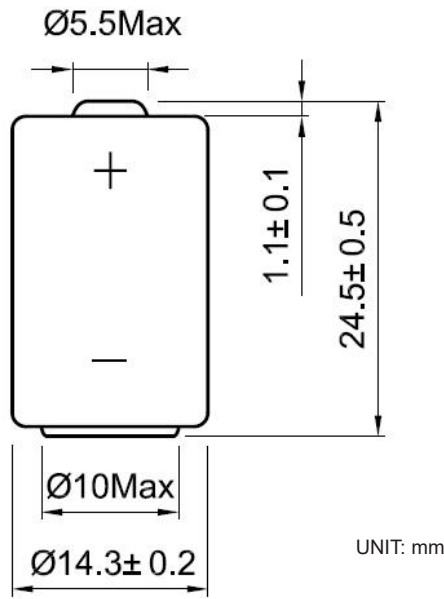
### Applications

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

### Notes

1. Discharged using 0.5mA 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.
4. For bulk shipments by air that are no more than eight cells and one package, this cell is Excepted Dangerous Goods and can be shipped under Packing Instruction 968, Section II.

# Dimensions



# Performance Graphs

