



LITHIUM BATTERY

UHE-ER14250-H

1/2AA size bobbin cell (energy type)

Technical Datasheet

The ABLE Advantage

Better technology. Our batteries enable us to design leading-edge solutions for the world's most demanding applications.



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

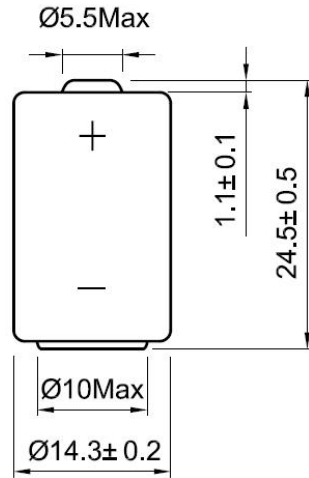
APPLICATIONS

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

SPECIFICATIONS

Part No	UHE-ER14250-H
Alternative models	LS14250/LST14250/LS14250C/TL4902/SB-AA02/SB-AA02P
Voltage Range	2.0 to 3.7 V
Nominal Voltage	3.6 V
Nominal Capacity	1200 mAh @ 0.5mA to 2.0 V @ 23° C
Max. Discharge	50 mA continuous
Pulse Capability	Up to 100 mA Varies according to pulse characteristics, temperature, cell history and the application. Consult ABLE.
Typical Weight	10 grams
Operating Temp	-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 Able.
Storage Temp	30° C MAX, for additional conditions, please consult ABLE.
Exterior/Housing	Stainless steel
Terminals/Connector	Radial tabs/ radial pins/axial leads/flying leads/nickel plated end caps with other terminals.
Safety	AL-MSDS/RD-001.
UL file number	MH30127
Transportation	Class 9 – see note 1
Note 1	For a complete description of transportation regulations and definitions of the transportation classifications "Excepted" and "Class 9," refer to the Ultralife web site at www.ultralifecorporation.com .

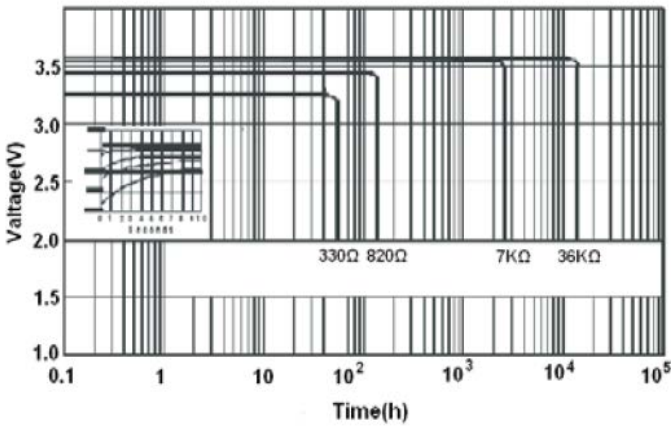
DIMENSIONS



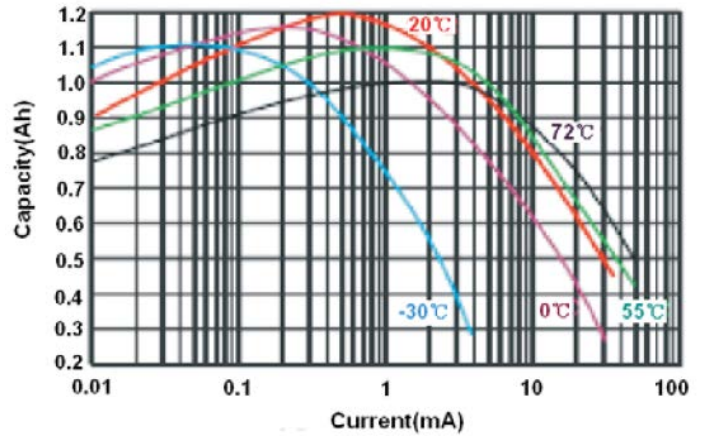
Unit:mm

PERFORMANCE GRAPHS

Discharge performance(RT)



Capacity VS Current



Voltage VS Temperature

