UHE-ER14250-H: 1/2AA size bobbin cell

Technical Datasheet

Technical Specifications	
Part No.	UHE-ER14250-H
Cell Type	Primary, non-rechargeable
Chemistry	Lithium thionyl chloride
Voltage Range	2.0 to 3.7 V
Nominal Voltage	3.6 V
Nominal Capacity	1200 mAh @ 0.5 mA to 2.0 V @ 23 °C
Max. Continuous Discharge Current	50 mA
Max. Pulse Discharge Current	Up to 100 mA (temperature and pulse dependent)
Weight	10 g
Operating Temperature	-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 Temperature	Max 30 °C Store at ⩽ 20 ºC to minimize passivation and self-discharge
Exterior/Housing	Stainless steel
Terminals/Connector	Radial tabs/ radial pins/axial leads/flying leads/Stainless steel end caps with other terminals.
Safety	UN38.3/ UL1642
Transportation	Non-restricted (Excepted from Regulations)
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.

Features

- High and stable operating voltage
- Superior drain capability
- Low self-discharge rate

(less than 2% after 1year of storage at 23℃)

- Hermetic glass-to-metal sealing
- Non-flammable electrolyte

Typical Applications

- Utility metering
- Tollgate system (ETC)
- Memory backup
- Radio communication applications
- Alarms and security systems
- Transmitters
- GPS
- LED lighting applications

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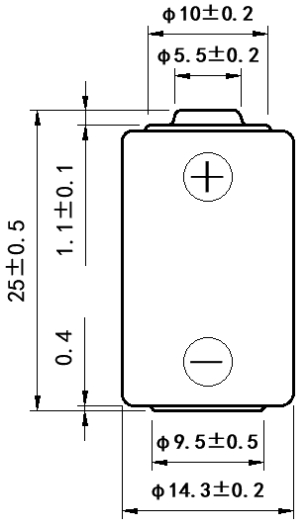
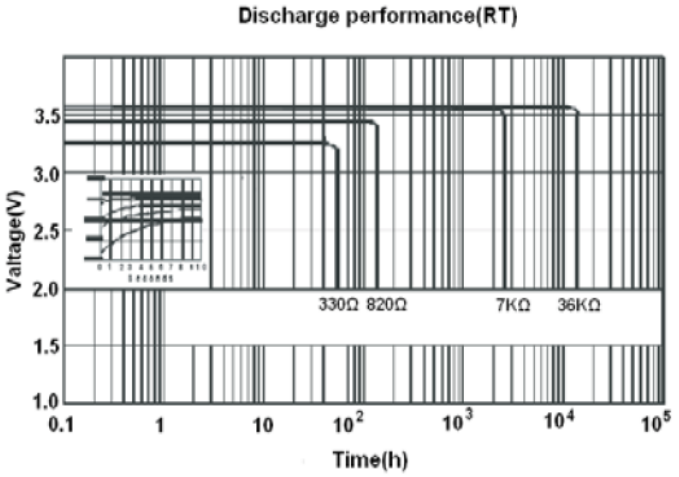
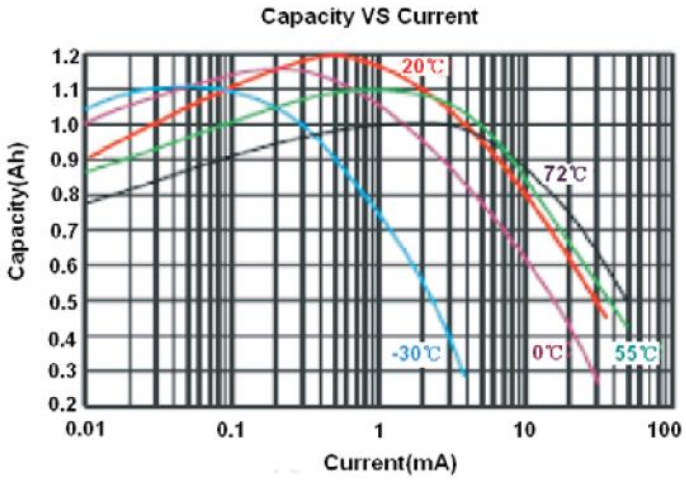
Dimensions

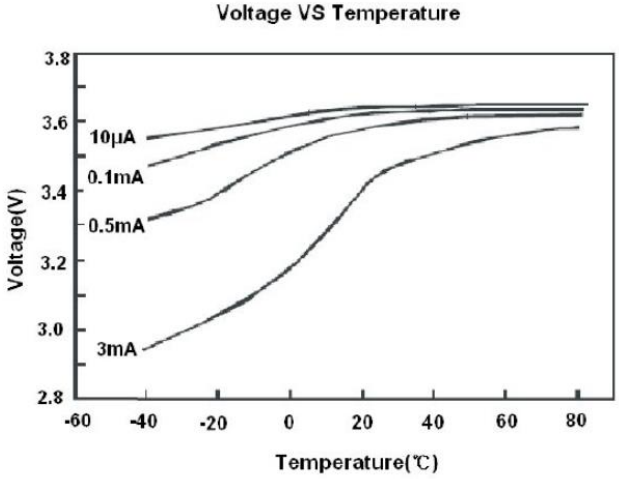


Unit:mm

Typical Performance Graphs







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