

UHE-ER14250

Technical Datasheet



| Technical Specifications | |
|--------------------------|---|
| Part No. | UHE-ER14250-X (see note 1) |
| Nominal Capacity | 1.2Ah @ 0.5mA to 2.0V @ 23°C |
| Average Voltage | 3.6V |
| Max. Discharge | 50mA continuous |
| Pulse Capability | 100mA for 100ms |
| Weight | 9.67g |
| Operating Temperature | -55°C to 85°C |
| Storage Temperature | Recommended: Do not exceed +30°C (86°F) |
| Terminals/Connector | Flat Ni-plated end caps |
| Safety | Certified to UL1642 Material Safety Datasheet - MSDS095 Safety Guide UBM-5135 |
| Transportation | Excepted from regulations for packages with gross mass of 2.5kg or less. |
| Note 1 | Order by suffix, (-S) available in standard bulk as shown. Contact Ultralife for other terminal options. |
| Note 2 | A complete description of transportation regulations, lithium weights and transportation classifications is available on the Ultralife website. |

Features

- High voltage remains stable in operation
- Superior drain capability
- Low self-discharge rate (less than 1% after one year of storage at +20°C)
- High energy density/high capacity
- Stainless steel container
- Hermetic glass to metal sealing
- Functionality at high temperatures (85°C) and low temperatures (-55°C)
- Non-flammable electrolyte
- Cell size ref.: 1/2UM3 - 1/2R6 - 1/2AA

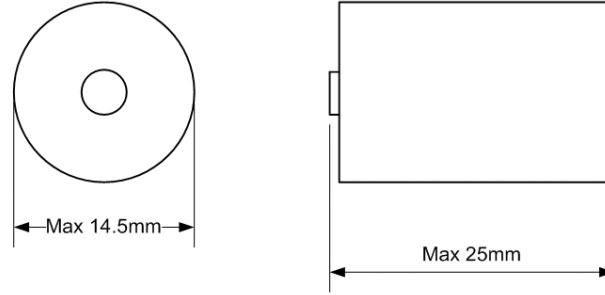
Applications

- Utility metering devices & systems
- Alarm and security devices
- Machine to Machine (M2M) communications
- Automatic meter readers (AMR)
- Memory back-up
- Automotive electronics / telematics
- Industrial electronics
- Radio communications and other military applications
- Ultra low power devices
- Sonobuoys
- GPS tracking / mobile asset tracking

Ultralife Advantage

- Worldwide distribution and warehousing
- Dedication to safety and quality
- Supplier to highly demanding markets
 - Military, Automotive: Tier 1, Medical
- Engineering services for custom packs and cell configurations

Dimensions



Performance Graphs

