

# UHR-CR19650

## Technical Datasheet



### Features

- High energy density
- No voltage delay
- Wide operating temperature range
- Lightweight
- Up to 10-year shelf life
- Long operating life
- Cell is hermetically sealed Ni-plated steel can

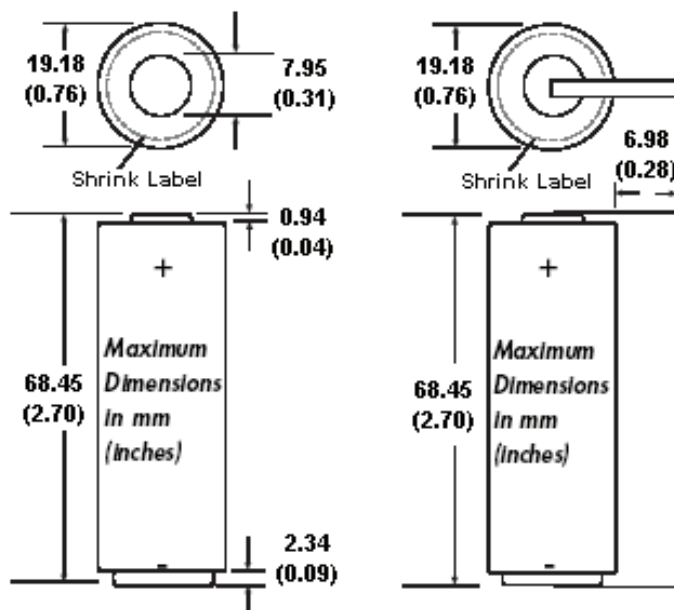
### Applications

- Consumer telematics
- Commercial telematics
- Search & rescue devices
- Military communications, detectors & imaging
- Medical Devices

### Technical Specifications

|                       |                                                                                                                                                 |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Part No.              | U10009, U10010, U10011, U10012                                                                                                                  |
| Voltage Range         | 1.5 to 3.3V                                                                                                                                     |
| Average Voltage       | 3.0V                                                                                                                                            |
| Nominal Capacity      | 3.2Ah @ 100mA to 2.0V @23°C                                                                                                                     |
| Max. Discharge        | 1.5A continuous                                                                                                                                 |
| Pulse Capability      | Up to 2.0A<br>Varies according to pulse characteristics, temperature, cell history and the application. Consult Ultralife.                      |
| PTC                   | U10009 and 10011 have PTC (re-settable fuse)<br>U10010 and U10012 do NOT                                                                        |
| Weight                | 42.0g                                                                                                                                           |
| Operating Temperature | -40°C to 72°C                                                                                                                                   |
| Storage Temperature   | -40°C to 95°C                                                                                                                                   |
| Exterior/Housing      | Hermetic Ni-plated steel can with Mylar sleeve                                                                                                  |
| Terminals/Connector   | Flat Ni-plated +/- End Caps: U10010 and U10011<br>Flat Ni-plated +/- End Caps with Nickel Tabs: U10012 and U10009                               |
| Safety                | UL component recognized<br>Material Safety Datasheet - MSDS023<br>Safety Guide UBM-5135                                                         |
| Transportation        | Excepted from regulations for packages with gross mass of 2.5kg or less (see note)                                                              |
| Note                  | A complete description of transportation regulations, lithium weights and transportation classifications is available on the Ultralife website. |

## Dimensions



## Performance Graphs

