

UHR-XR19650

Preliminary Technical Datasheet

Pre-production Samples Available Now
 Low Volume Samples Available, Production Requires MOQ of 50k



Technical Specifications	
Part No.	UHR-XR19650
Battery Type	Li-CF _x / MnO ₂ Hybrid
Voltage Range	1.5 to 3.3V
Average Voltage	3.0V
Nominal Capacity	4.6Ah @ 50mA to 2.0V @ 23°C
Max. Discharge	1.0A continuous
Pulse Capability	Up to 2.0A Varies according to pulse characteristics, temperature, cell history and the application. Consult Ultralife.
Weight	40.0g
Operating Temperature	-40°C to 72°C
Storage Temperature	-40°C to 85°C
Exterior/Housing	Hermetic Ni-plated steel can with Myler sleeve
Safety	Material Safety Datasheet - MSDS00148 See safety warning below
Transportation	Class 9 - U.S. and International (see note)
Note	A complete description of transportation regulations, lithium weights and transportation classifications is available on the Ultralife website.
Safety Warning	To prevent thermal runaway: 1. Do not discharge in excess of rated current or outside of temperature range 2. Do not use multiple cells to form a new large battery without consulting with Ultralife

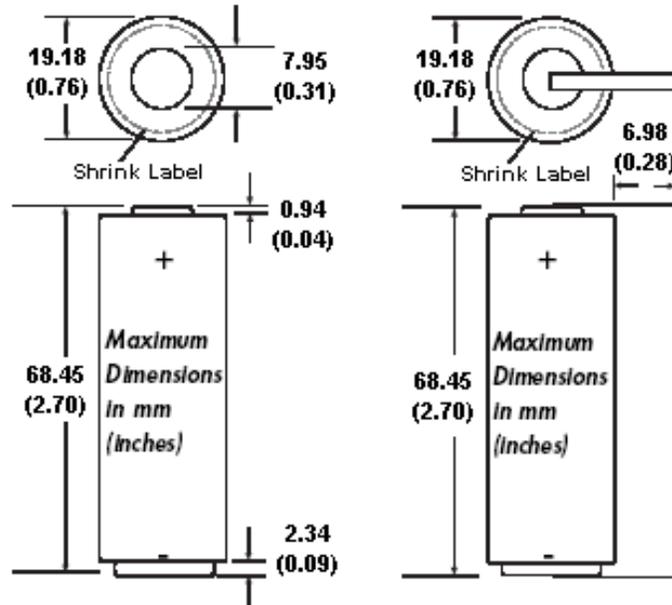
Features

- 44% or more capacity than Li-MnO₂ CR19650 cells
- High energy density
- No voltage delay
- Wide operating temperature range
- Lightweight
- 15-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

Dimensions



Performance Graphs

