

UHR-XR26650

Technical Datasheet



Features

- 38% or more capacity than Li-MnO₂ CR26650 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
- Enhanced safety with a resettable thermal switch and shutdown separator

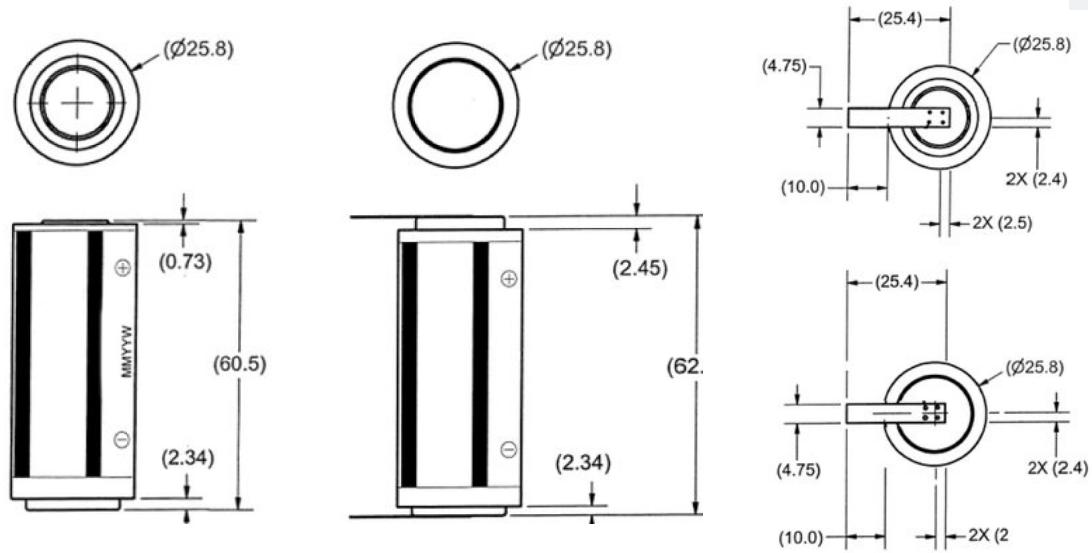
Applications

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

Technical Specifications

Part No.	UHR-XR26650-S: no tabs UHR-XR26650-T1: with Ni tabs
Battery Type	Li-CFx / MnO ₂ Hybrid
Voltage Range	1.5 to 3.3V
Average Voltage	3.0V
Nominal Capacity	8.4Ah @ 125mA to 2.0V @ +23°C
Max. Discharge	2.0A continuous
Pulse Capability	Up to 5.3A Varies according to pulse characteristics, temperature, cell history and the application. Consult Ultralife.
Weight	68.0g
Operating Temperature	-40°C to +72°C
Storage Temperature	-40°C to +85°C
Exterior/Housing	Hermetic Ni-plated steel can. End caps, tabs and insulating sleeve.
Protection	Resettable thermal switch Shutdown separator
Safety	Material Safety Datasheet - MSDS00148 See safety warning below
Transportation	UN 3090 Dangerous Goods Class 9, Lithium Content >1.0 g, <5.0 g If packed in or with equipment (UN 3091) contact Ultralife for guidance or other questions.
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

Dimensions



Performance Graphs

