

Medical Applications

Battery & Energy Products

Providing power and energy products around the world...



ISO 13485 Registered

Ultralife Corporation, a U.S. based company, brings over 20 years of experience to offer the highest performing batteries available today.

We offer standard and custom medical solutions, along with a first-rate testing facility to meet all of your power and compliance needs. Ultralife is an ISO 13485 registered supplier of components and accessories for medical devices. With additional registrations to ISO 9001 and ISO 14001, our robust manufacturing process focuses on continuous improvement, decreasing quality and warranty issues for your customers.

We are a single source supplier for multiple battery types and chemistries; therefore saving our customers money, resources and resulting in a higher quality battery and the ultimate buying experience.

Today, so much can depend on your battery:

- Remote Patient Monitoring
- Oxygen Concentrators
- Ambulatory Infusion Pumps
- Portable Ventilators
- Anesthesia Workstations
- Portable EEG / ECG Monitors
- Medical Delivery Pumps & Devices
- Portable Ultrasound
- CPAP / BIPAP Machines
- Bone Growth Stimulators
- Portable PSG Monitors
- Powered Medical Carts & Beds
- Powered Surgical Drills
- Surgical Headlights
- TENS Units
- RTLS / RFID Tags & Sensors
- Handheld Dental Devices
- Automatic External Defibrillators (AEDs)



Non-Rechargeable Cells & Batteries Lithium Manganese Dioxide (LiMnO₂) Chemistry

- High energy density
- Long run time
- Long shelf life
- High discharge rate capability

Rechargeable Batteries Li-Ion Chemistry

- Highest energy density available
- State-of-charge, State-of-health
- Many communication protocols offered
- Integrated charging capability
- Chargers also available

LiFePO URB0012

- Average voltage: 13.2V
- Nominal capacity: 25Ahr
- Meets demanding requirements of medical carts
- Rapid charge capability
- Lightweight, easy to replace
- Supports electric power lifts & SFF computers



U9VL-J-P: The Proven Medical 9V

- Lasts up to 5x longer than alkaline and up to 10x longer than carbon zinc batteries
- Up to 10 year shelf life
- Available in multiple packaging options, including foil and blister packs
- Consumer replaceable
- Over 100 million sold



Thionyl Chloride Cells

- Average voltage: 3.6V
- Nominal capacity: 1.2Ah and 2.4Ah
- Energy: 4.32Wh and 8.64Wh
- Hermetically sealed stainless steel containers for long-term shelf life
- Minimal loss in cell capacity making it perfect for long-term backup applications



UBBL07

- Average voltage: 3.6V
- Nominal capacity: 7.2Ah
- Energy: 25.92Wh
- UL component recognized, IEC62133 certified
- PVC shrinkwrap
- Long cycle life and high energy density



U10004 Thin Cell

- Average voltage: 3.0V
- Nominal capacity: 1.5Ah
- Wafer thin at 4.4mm
- Long shelf life
- Wide operating temperature range
- No start up delay and provides high running voltage through life



UBBL19 & UBBL39

- Average voltage: 3.6V
- Nominal capacity: 2.4Ah and 2.9Ah
- Energy: 8.64Wh and 10.44Wh
- Part of the standard pack series for off-the-shelf convenience
- Meets all UN transportation tests
- Available with wire or connector terminals



UBBL20 & UBBL23

- Average voltage: 7.2V and 3.6V
- Nominal capacity: 2.4Ah and 4.8Ah
- Energy: 17.28Wh
- Part of the standard pack series for off-the-shelf convenience
- Meets all UN transportation tests
- Available with wire or connector terminals



UBBL21 & UBBL24

- Average voltage: 10.8V and 7.2V
- Nominal capacity: 2.4Ah and 4.8Ah
- Energy: 25.92Wh and 34.56Wh
- Part of the standard pack series for off-the-shelf convenience
- Meets all UN transportation tests
- Available with wire or connector terminals



UBBL25 & UBBL26

- Average voltage: 10.8V and 14.4V
- Nominal capacity: 4.8Ah
- Energy: 51.84Wh and 69.12Wh
- Part of the standard pack series for off-the-shelf convenience
- Meets all UN transportation tests
- Available with wire or connector terminals



UBBL34

- Average voltage: 12.0V
- Nominal capacity: 5.8Ah
- Energy: 69.6Wh
- Wearable battery with built in charger
- State-of-charge display



Prismatic Cells

- Part No: UBP001 / UBP002 / UBBP01
- Average voltage: 2.6V
- Nominal capacity: 1.75Ah, 1.8Ah and 0.9Ah
- Common sizes
- Can be assembled into packs



D-Cell Cylindricals

- UHR-CR34610
- Voltage: 3.3V, Capacity: 11.1Ah
- UHR-CR34610 (U10026) High Capacity
- Voltage: 3.3V, Capacity: 13.0Ah
- UHR-XR34610 Li-CFx/MnO₂ Hybrid
- Voltage: 3.3V, Capacity: 16.0Ah

