

## LWC-L

### Technical Datasheet



#### FEATURES

- Rugged
- High Energy Density
- Wide Operating Temperature Range
- Lightweight
- No Memory Effect

#### APPLICATIONS

- Rugged, Portable Electronics
- Military Systems
- Wearable Diagnostic Devices

#### OPTIONAL CHARGERS

- CH0001: Desktop Charger

#### OPTIONAL CABLES

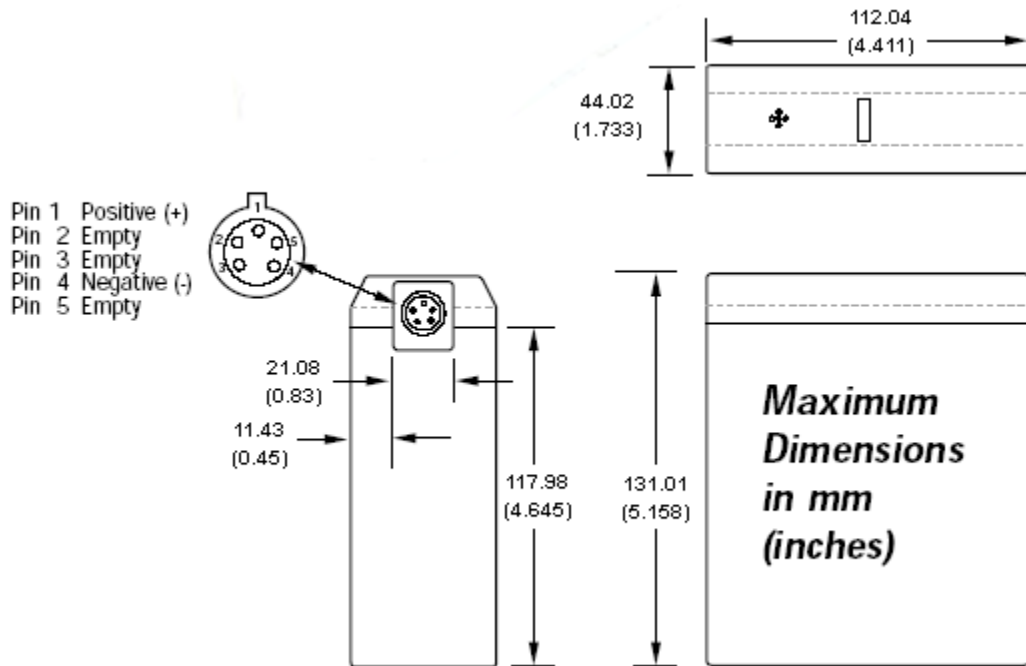
- CA0001: 2 Conductor Cable

#### SPECIFICATIONS

Part No	UBBL01
Voltage Range	12.0 to 16.8V
Average Voltage	15.2V
Nominal Capacity	8.0Ah @ C/5 Rate @ 23±2°C
Max. Discharge	6.5A continuous
Energy	121Wh
Energy Density	131Wh/kg, 195Wh/l
Weight	925 grams
Cycle Life	> 300 cycles @ C/5 to 80% of initial capacity
Memory	No Memory Effect
Operating Temp	-20°C to 60°C
Storage Temp	-20°C to 60°C
Self-Discharge	< 5% per month
Exterior/Housing	Hard plastic case
Terminals/Connector	Connector: Lemo EEG 0B 305 CLL Mating connector: Lemo FGG 0B 305 CLA
Safety	Material Safety Datasheet – MSDS046 Safety Guide UBI-5112
Transportation	Class 9 International and within US unless shipped by motorcar or rail within the US (see note.)
Protection Circuit Module and Fuses	Over Voltage Limit: 4.35 +/- 0.05V (per cell) Under Voltage Limit: 2.35 +/- 0.10V (per cell) Over Current Protection: 10.5~15.3A Resettable fuse 70±5°C, one-time thermal fuse 93±5°C
Charging	Recommended charge rate at 3.25A to 16.8V in a temperature range of 0°C to 45°C. Hold at 16.8V until current declines to 750mA. Maximum charge rate is 4.0A @ 23±2°C. Refer also to Safety Guide UBI-5112.

Note	Complete description of transportation regulations, lithium weights and transportation classifications is available on the Ultralife Website. <a href="#">Ultralife Transportation Regulations and Information</a>
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## DIMENSIONS



## PERFORMANCE GRAPHS

