

LWC-L Technical Datasheet

The Ultralife Advantage

Better technology. Our lithium-based (lithium-manganese dioxide, lithium ion and lithium polymer) technologies enable us to design leading-edge power solutions for the world's most demanding applications.



FEATURES

- Rugged
- High energy density
- Wide operating temperature range
- Lightweight
- No memory effect

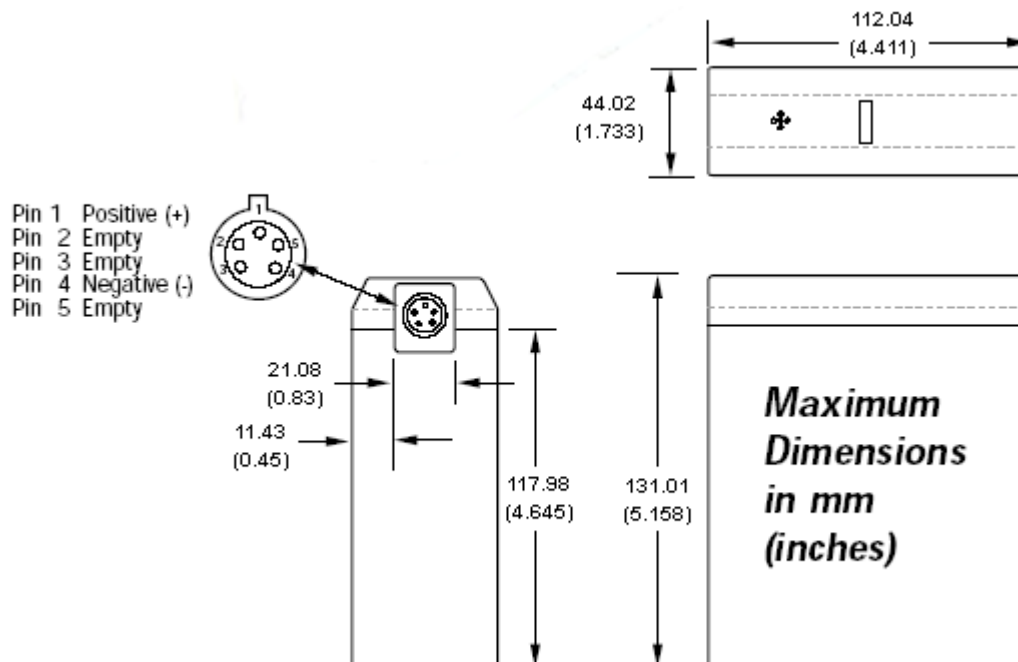
APPLICATIONS

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

SPECIFICATIONS

Part No	UBBL01
Voltage Range	12.0 to 16.8 V
Average Voltage	15.2 V
Nominal Capacity	8.0 Ah @ C/5 Rate @ 23° C
Max. Discharge	6.5 A continuous
Energy	121 Wh
Energy Density	131 Wh/kg, 195 Wh/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. See note 2.
Safety	To prevent injury or burns, do not disassemble, short circuit or dispose of in fire. Material Safety Datasheet – MSDS046.
Transportation	Excepted – U.S.; Class 9 – Int'l. See note 1.
Charging	Maximum charge rate at C/2 to 16.8 Volts in a temperature range of 0° to 45° C. Hold at 16.8 Volts until current declines to C/10. See note 3. Refer also to Safety Guide UBI-5112.
Note 1	For a complete description of transportation regulations and definitions of the transportation classifications "Excepted" and "Class 9," refer to the Ultralife web site at www.ultralifebatteries.com .
Note 2	Available cable is CA0001.
Note 3	Use an approved charger: Ultralife CH0001 or equivalent
*	Do not store above 60° C (140° F)
**	For additional details, refer to LWC-L Battery Specification UBI-5097.

DIMENSIONS



PERFORMANCE GRAPHS

