

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

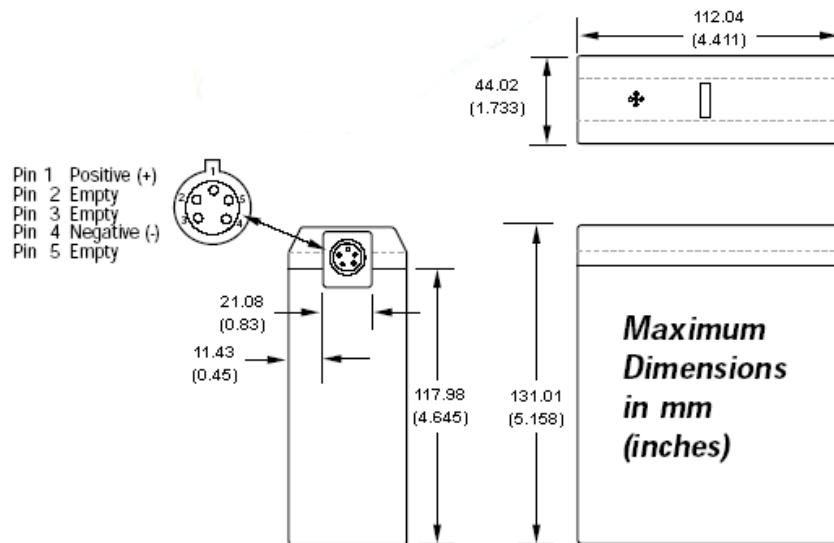
Optional Cables

- CA0001: 2 Conductor Cable

Technical Specifications

Part No.	UBL01
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	925g
Cycle Life	> 300 cycles @ C/5 to 80% of initial capacity
Memory	No Memory Effect
Operating Temperature	-20°C to 60°C
Storage Temperature	-20°C to 60°C
Self-Discharge	< 5% per month
Exterior/Housing	Hard plastic case
Terminals/Connector	Connector: Lemo EEG 0B 205 CLL Mating connector: LEMO FGG 0B 305 CLA
Safety	Material Safety Datasheet - MSDS052 Safety Guide UBI-5112
Transportation	Class 9 International and within U.S. unless shipped by motorcar or rail within U.S. (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 Re-settable 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°C ± 2°C. Refer also to Safety Guide UBI-5112.
Note	A complete description of transportation regulations, lithium weights and transportation classifications is available on the Ultralife website.

Dimensions



Performance Graphs

