

ULTRALIFE® Batteries

We. Are. Power.™

UBBL04 Technical Datasheet

The Ultralife Advantage

Better technology. Our battery & charging technologies and power systems enable us to design leading-edge solutions for the world's most demanding applications.



SPECIFICATIONS [preliminary]

Part No	UBBL04
Voltage Range	6.0 to 8.4 V
Average Voltage	7.2 V
Nominal Capacity	6.5 Ah @ C/5 Rate @ 23°C
Max. Discharge	3.5 A
Energy	47 Wh
Energy Density	134 Wh/kg, 200 Wh/l
Weight	350 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	-40°C to 60°C
Self-Discharge	< 6% per month
Exterior/Housing	Hard Plastic Case
Terminals/Connector	1.3 mm DC power jack and nickel-plated contacts
Safety	Protection PCB. Material Safety Data Sheet – MSDS048.
Transportation	Excepted – U.S.; Excepted – Int'l. See note 1.
Protection Circuit Module	Over Voltage Limit: 4.30 +/- 0.25 V Under Voltage Limit: 2.00 +/- 0.1 V Over Current Protection: 4.0 A + 0.4 A / - 1.0 A Pulse Current: 5.8 A for 10 ms max.
Charging	Maximum charge rate at C/2 to 8.4 Volts in a temperature range of 0° to 45°C. Hold at 8.4 Volts until current declines to C/10. Refer also to Safety Guide UBI-5112.

FEATURES

- Convenient form factor
- Rugged case construction
- High energy density
- Wide operating temperature range
- Lightweight
- No memory effect

APPLICATIONS

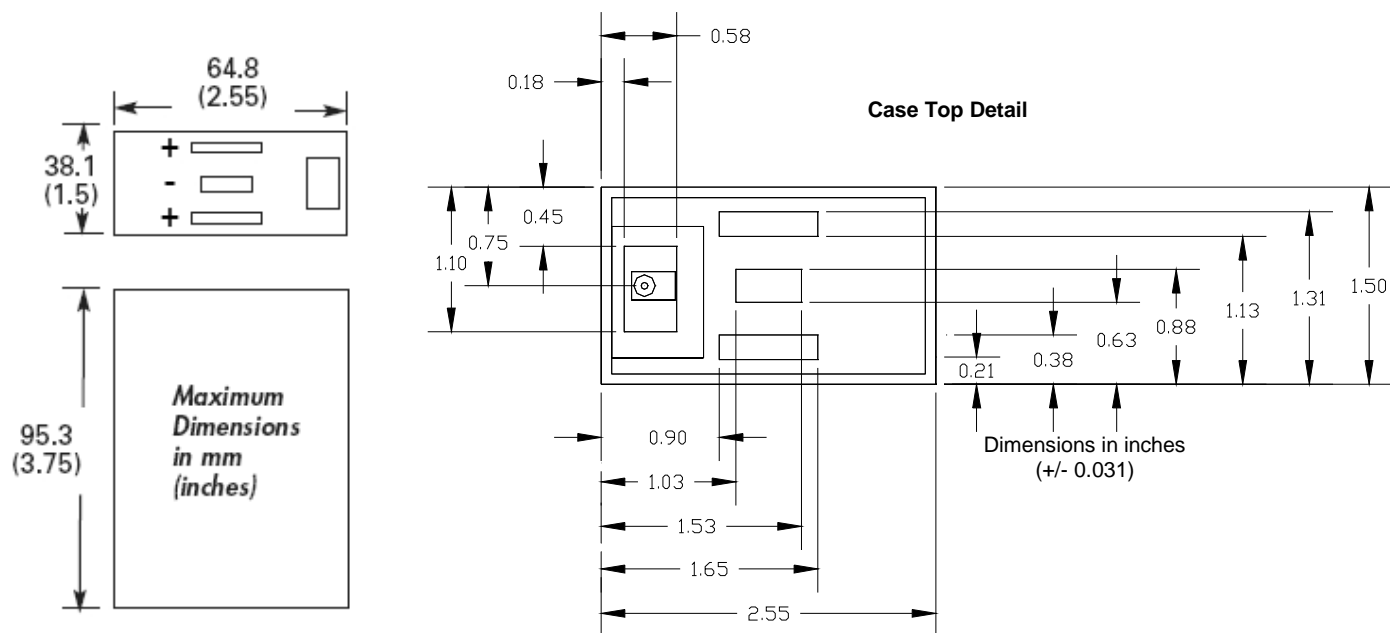
- Rugged, Portable Electronics

COMPATIBLE CHARGERS

- Ultralife CH0005, single battery, commercial

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 .
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DIMENSIONS



PERFORMANCE GRAPHS

