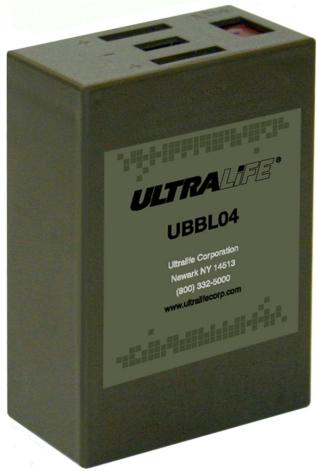


UBBL04

Technical Datasheet



Features

- Convenient form factor
- Rugged case construction
- High energy density
- Wide operating temperature range
- Lightweight

Applications

- Rugged, portable electronics

Optional Chargers

- CH0005: Desktop Charger

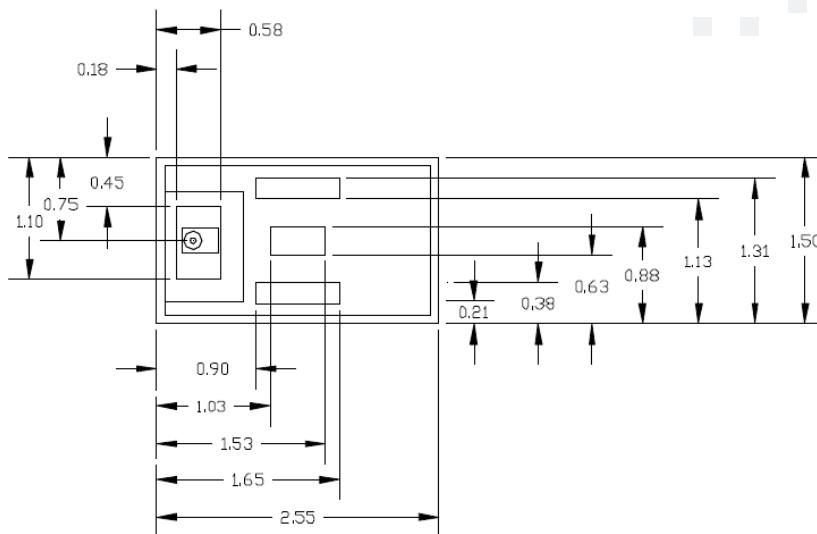
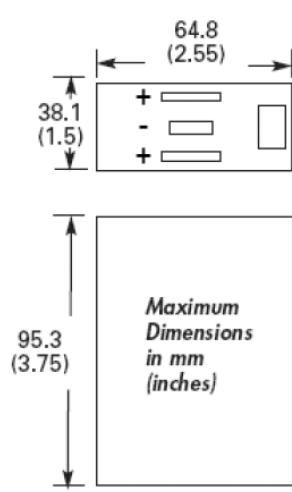
Optional Cables

- CA0004: DC Cable Assembly

Technical Specifications

Part No.	UBBL04
Voltage Range	6.0 to 8.4V
Average Voltage	7.2V
Nominal Capacity	6.5Ah @C/5 Rate @ 23°C
Max. Discharge	3.5A continuous
Max. Pulse Discharge	5.8A for 10ms
Energy	47Wh
Energy Density	134Wh/kg, 200Wh/l
Weight	350g
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	< 6% per month
Exterior/Housing	Hard plastic case
Terminals/Connector	1.3mm DC power jack and nickel-plated contacts
Safety	Material Safety Datasheet - MSDS048 Safety Guide UBI-5112
Transportation	Excepted from regulations for packages with gross mass of 10kg or less (see note)
Export License	ITAR (International Traffic in Arms Regulations) export license required to export from U.S.
Protection Circuit Module and Fuses	Over Voltage Limit: 4.30 +/- 0.25V (per cell) Under Voltage Limit: 2.0 +/- 0.1V (per cell) Over Current Protection: 4.0A + 0.4A / -1.0A One-time Thermal Fuse: 91°C + 0° / -4°C
Charging	Maximum charge rate is 3.5A to maximum voltage 8.4V in a temperature range of 0° to 45°C. Hold at 8.4V until current declines to 650mA.
Note	A complete description of transportation regulations, lithium weights and transportation classifications is available on the Ultralife website.

Dimensions



Performance Graphs

