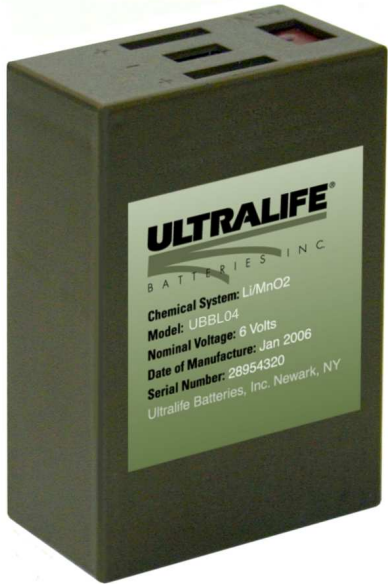


## UBBL04

### 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 Charge

#### OPTIONAL CABLES

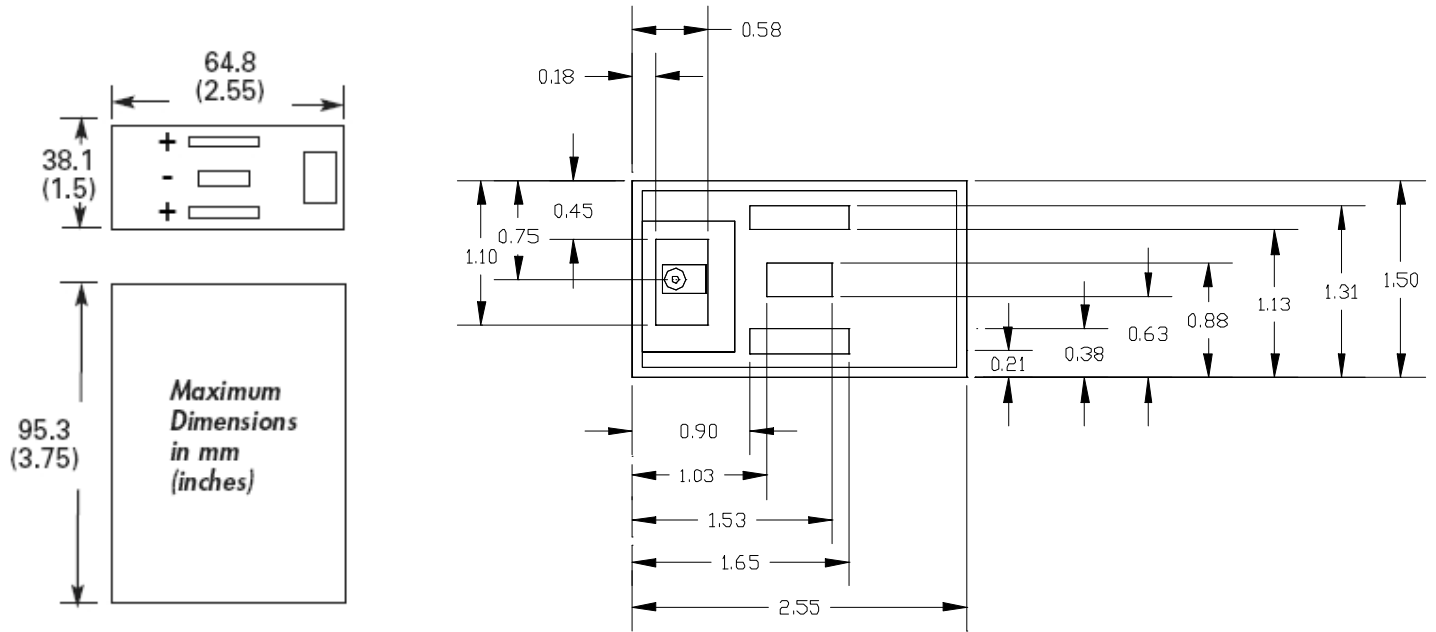
- CA0004: DC Cable Assembly

#### SPECIFICATIONS

<b>Part No</b>	UBBL04
<b>Voltage Range</b>	6.0 to 8.4V
<b>Average Voltage</b>	7.2V
<b>Nominal Capacity</b>	6.5Ah @ C/5 Rate @ 23°C
<b>Max. Discharge</b>	3.5A continuous
<b>Max. Pulse Discharge</b>	5.8A for 10ms
<b>Energy</b>	47Wh
<b>Energy Density</b>	134Wh/kg, 200Wh/l
<b>Weight</b>	350 grams
<b>Cycle Life</b>	> 300 cycles @ C/5 to 80% of initial capacity
<b>Memory</b>	No Memory Effect
<b>Operating Temp</b>	-20°C to 60°C
<b>Storage Temp</b>	-20°C to 60°C
<b>Self-Discharge</b>	< 6% per month
<b>Exterior/Housing</b>	Hard plastic case
<b>Terminals/Connector</b>	1.3 mm DC power jack and nickel-plated contacts
<b>Safety</b>	Material Safety Data Sheet – MSDS048 Safety Guide UBI-5112
<b>Transportation</b>	Exempted from regulations for packages with gross mass of 10kg or less (see note.)
<b>Export License</b>	ITAR (International Traffic in Arms Regulations) export license required to export from U.S.
<b>Protection Circuit Module and Fuses</b>	Over Voltage Limit: 4.30 +/- 0.25V (per cell) Under Voltage Limit: 2.00 +/- 0.1V (per cell) Over Current Protection: 4.0 A + 0.4A / - 1.0A One-time thermal fuse 91 <sup>±</sup> 0 <sup>°</sup> -4°C
<b>Charging</b>	Maximum charge rate is 3.5A to maximum voltage 8.4 Volts in a temperature range of 0° to 45°C. Hold at 8.4 Volts until current declines to 650mA. Refer also to Safety Guide UBI-5112.

<b>Note</b>	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

