UBBL39
Technical Datasheet

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Features

- Off-the-shelf convenience
- Wire or connector terminals
- Full circuit protection
- Meets all UN transportation testing
- Long cycle life
- High energy density
- Wide operating temperature range
- Lightweight
- No memory effect

Applications

- Portable electronics
- Hand-held devices
- Medical equipment
- Back-up power

Accessories Optional

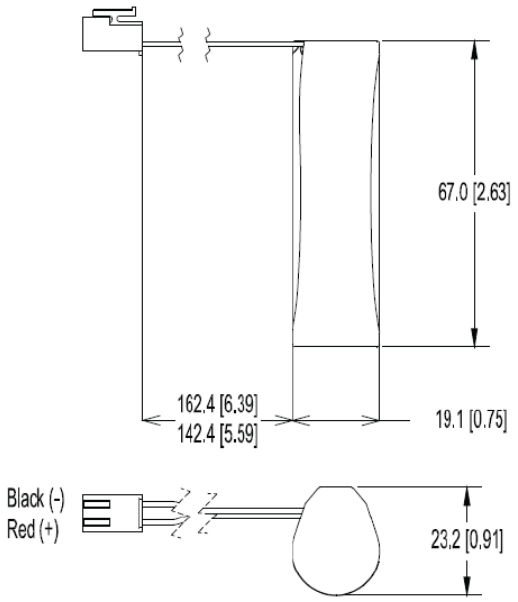
- UCH0036-S: Wall Wart charger (U.S.)
- UCH0036-I: Wall Wart charger (International)
- UCA0102-01: Interface cable for UBBL19-FL
- UCA0102-02: Interface cable for UBBL19-C1

Technical Specifications	
Part No.	UBBL39-FL or UBBL39-C1
Voltage Range	2.75 to 4.2V
Average Voltage	3.6V
Capacity	2.9Ah @ C/5 Rate @ 23°C±2°C
Max. Discharge	2.5A continuous
PTC	Rated for 2.6A hold current @ +20°C
Energy	10.4Wh
Energy Density	208Wh/kg, 520Wh/l
Weight	~52g
Cycle Life	> 300 cycles @ C/5 to 80% of inital capacity
Memory	No Memory Effect
Operating Temperature	-20°C to +60°C
Storage Temperature	-20°C to +50°C
Self-Discharge	< 10% per month
Exterior/Housing	PVC Shrink Wrap
Terminals/Connector	FL: 22 AWG wire leads Red (+), Black (-) C1: JST Connector VHR-2N
Safety	Material Safety Datasheet - MSDS041 Safety Guide UBM-5112
Transportation	UN 3480 Dangerous Goods Class 9, Total Energy <100Wh If packed in or with equipment (UN 3481), contact Ultralife for guidance or other questions.
Protection Circuit Module and Fuses	Over Voltage Limit: 4.35±0.025V (per cell) Under Voltage Limit: 2.30±0.1V (per cell) Over Discharge Current Limit: 3.4 - 4.5A
Charging	Recommended charge rate is 500mA to 4.2V in a temperature range of 0°C to +45°C. Hold at 4.2V until current declines to 50mA. Maximum charge rate is 2.2A @ 23°C±2°C.

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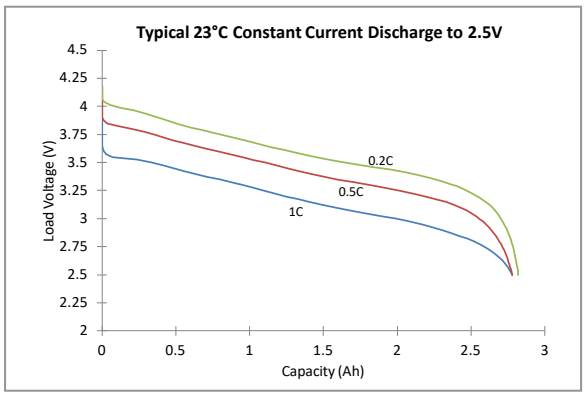
Dimensions

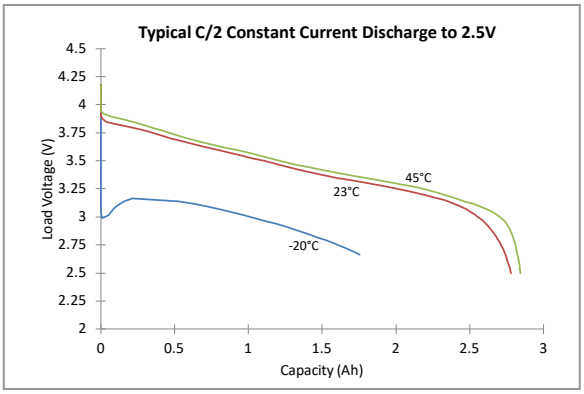
UBBL39-FL: Wire Leads
UBBL39-C1: Connector

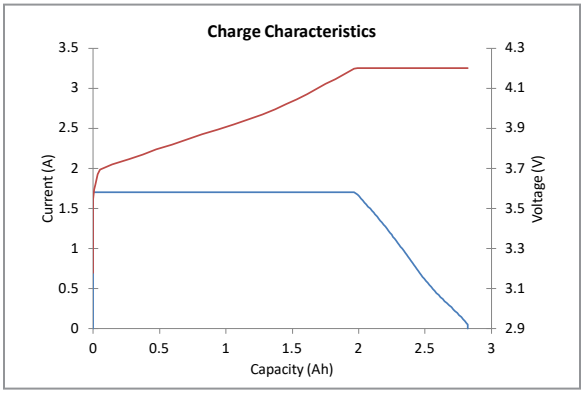


Maximum Dimensions in mm [inches]

Performance Graphs







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