

UBBL26

Technical Datasheet

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Technical Specifications	
Part No.	UBBL26-FL or UBBL26-C1
Voltage Range	12.0 to 16.8V
Average Voltage	14.4V
Capacity	4.8Ah @ C/5 Rate @ 23°C±2°C
Max. Discharge	3.5A continuous
PTC	Rated for 4.5A Hold Current @ 20°C
Energy	69.0Wh
Energy Density	182Wh/kg, 449Wh/l
Weight	~393g
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 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 UBI-5112
Transportation	Excepted from regulations for packages with gross mass of 10kg or less (see note)
Protection Circuit Module and Fuses	Over Voltage Limit: 4.325±0.05V (per cell) Under Voltage Limit: 2.30±0.1V (per cell) Over Discharge Current Limit: 3.6 - 6.0A
Charging	Recommended charge rate is 932mA to 16.8V in a temperature range of 0°C to 45°C. Hold at 16.8V until current declines to 100mA. Maximum charge rate is 3.2A @ 23°C±2°C.
Note	A complete description of transportation regulations, lithium weights and transportation classifications is available on the Ultralife website.

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

Applications

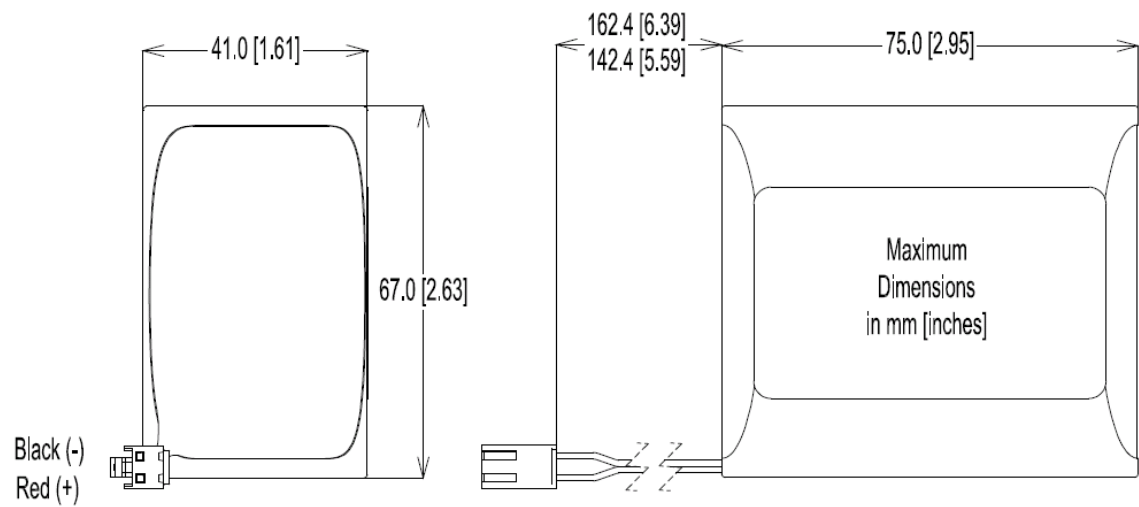
- Portable electronics
- Hand-held devices
- Medical equipment
- Back-up power

Accessories Optional

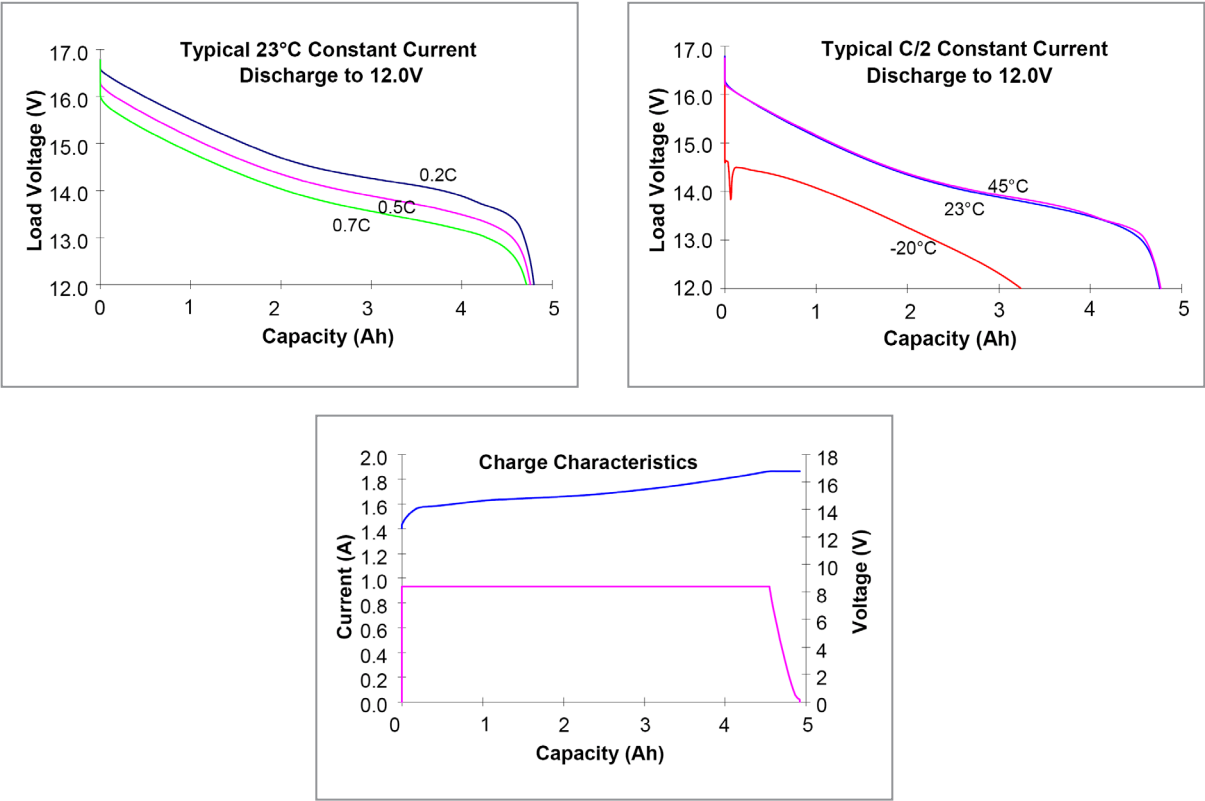
- UCH0039-S:
Wall Wart charger (U.S.)
- UCH0039-I:
Wall Wart charger (International)
- UCA0102-01:
Interface cable for UBBL26-FL
- UCA0102-02:
Interface cable for UBBL26-C1

Dimensions

UBBL26-FL: Wire Leads
UBBL26-C1: Connector



Performance Graphs



ULTRALIFE CORPORATION

Technical Data Sheet: UBI-05202

Rev. Level: D

Title: RECHARGABLE LITHIUM ION, UBBL26

Rev. Date: 11 NOV 11

Issue Date: 05 MAY 10

Revision History:

Revision	Description	PCN #	Date
D	Updated weight.	11-0289	11 NOV 11

Required Signatures:

Originator: Jeff Hauf Date: 11 NOV 11

Checker: Shara Brown Date: 11 NOV 11