

UBBL09 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

Part No	UBBL09
Average Voltage	Maximum: 12.6 or 25.2 Volts Typical: 11.1 or 22.8 Volts Minimum: 9.0 or 18.0 Volts
Nominal Capacity	12 V Mode: 18.4 Ah @ 1.0 A @ 23° C 24 V Mode: 9.2 Ah @ 500 mA @ 23° C
Max. Discharge	6.0 A continuous in 24 Volt mode 12.0 A continuous in 12 Volt mode
Max. Pulse Discharge	18.0 A / 5 seconds in 24 Volt mode 36.0 A / 5 seconds in 12 Volt mode
Energy	204 Wh
Energy Density	142 Wh/kg, 227 Wh/l
Weight	1440 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	-20° C to 60° C
Self-Discharge	< 5% per month
Exterior/Housing	Hard plastic
Terminals/Connector	SC-C-179495 (see note 2)
State of Charge Indicator	LCD Display
Safety	To prevent injury or burns do not disassemble, short circuit or dispose of in fire. Material Safety Datasheet – MSDS099.
Transportation	Excepted – U.S.; Class 9 – Int'l. See note 1.
Charging	Charge each section at constant voltage of 12.6 Volts in a temperature range of 5° to 38°C, limiting current to 3.0 A. Both sections can be charged in parallel, however, charge time will increase to 6 hours. Refer also to Safety Guide UBI-5112.

FEATURES

- SMBus v1.1 compliant
- SmartCircuit™ technology providing advanced solutions not available from traditional batteries and chargers
- Rugged case construction
- High energy density
- Wide operating temperature range
- Lightweight
- No memory effect

APPLICATIONS

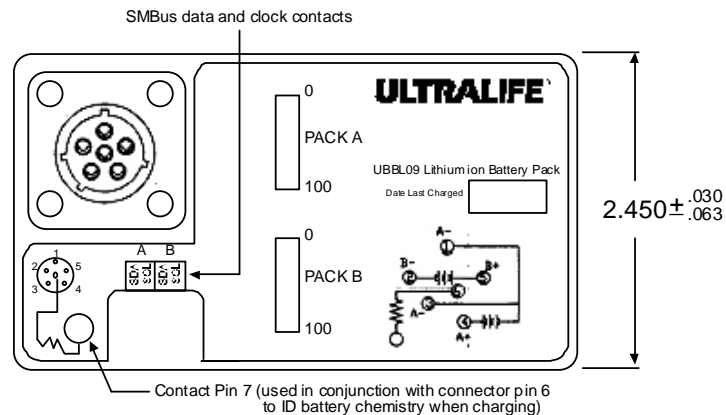
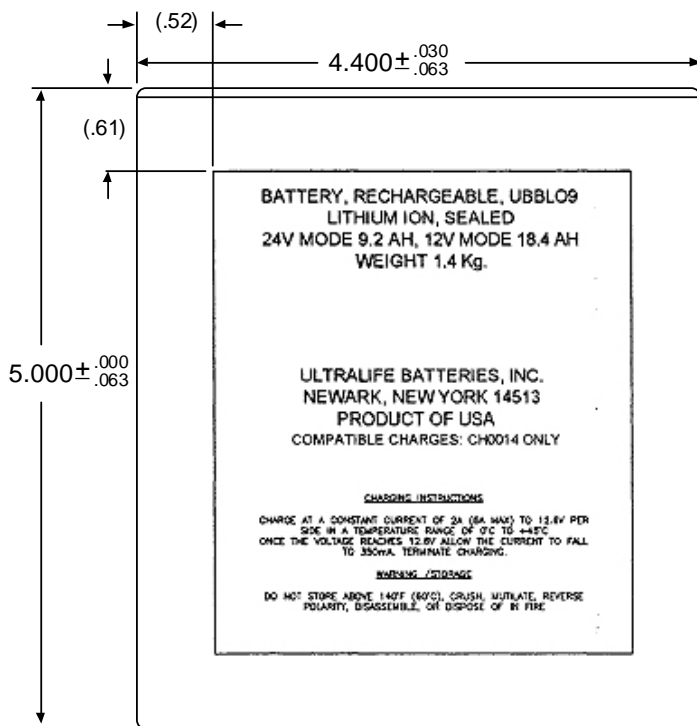
- Rugged, Portable Electronics
- Robotics
- Communication Devices
- AUVs and UUVs

COMPATIBLE CHARGERS

- Ultralife CH0014, 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 .
Note 2	Available cables: CA0002, CA0006, CA0007, CA0008

DIMENSIONS



PERFORMANCE GRAPHS

