

UB-2590

UB-2590 Ultralife Rechargeable Battery

Product ID: 348

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

Specifications

Maximum Voltage:	16.4 or 32.8 Volts
Typical Voltage:	14.4 or 28.8 Volts
Final Voltage:	12 or 24 Volts
Capacity:	28.8 V Mode: 6 Ah @ 500 mA @ 23° C 14.4 V Mode: 12 Ah @ 1.0 A @ 23° C
Max. Discharge:	6 A continuous in 28.8 V Mode 12 A continuous in 14.4 V Mode
Pulse Capacity:	Up to 18 A / 5 seconds in 28.8 V Mode Up to 36 A / 5 seconds in 14.4 V Mode Varies according to pulse characteristics, temperature, cell history, and the application. Consult Ultralife.

Energy:	173 Wh
Energy Density:	120 Wh/kg, 200 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, black (Noryl N190X-701)
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 - MSDS041.
Transportation:	Excepted - U.S.; Class 9 - Int'l. See note 1.
Harmonized Tariff Code:	8507.80.00.00
Charging:	Charge each section at constant voltage of 16.4 (16.8 max) Volts in a temperature range of 5° to 38°C, limiting current to 3.0 A max, for 3 hours. Both sections can be charged in parallel, however, charge time will increase to 6 hours. Refer also to Safety Guide UBI-5112.
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 cable is CA0002

Frequently Asked Questions (FAQ)

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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [Dimensional Drawing 2D](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)