

# UBI-5390XC

## Technical Datasheet



Technical Specifications	
<b>Part No.</b>	UB0032
<b>Voltage Range</b>	24V Mode: 20.0V final, 33.0V max 12V Mode: 10.0V final, 16.5 max
<b>Average Voltage</b>	24V Mode: 27.0 Volts 12V Mode: 13.5 Volts
<b>Capacity</b>	24V Mode: 16.0Ah @ 250mA to 20V @ 23°C 12V Mode: 32.0Ah @ 250mA to 10V @ 23°C
<b>Max. Discharge</b>	24V Mode: 2.0A continuous 12V Mode: 4.0A continuous
<b>Max. Pulse Capability</b>	24V Mode: 6.0A @ 5 seconds 12V Mode: 12.0A @ 5 seconds
<b>Weight</b>	~1300g
<b>Operating Temperature</b>	-40°C to 55°C
<b>Storage Temperature</b>	-40°C to 80°C
<b>Exterior/Housing</b>	Hard plastic case
<b>Terminals/Connector</b>	Connector SC-C-179492
<b>State of Charge Indicator</b>	5 segment LED with push-button activation
<b>Complete Discharge Device (CDD)</b>	LED notification of complete discharge, indication for disposal
<b>Safety</b>	Material Safety Datasheet - MSDS00148
<b>Transportation</b>	Class 9 - U.S. and International (see note)
<b>Harmonized Tariff Schedule</b>	8506.50.0000
<b>Note</b>	A complete description of transportation regulations, lithium weights and transportation classifications is available on the Ultralife website.

### Features

- 110% more capacity than BA-5590U
- 40% more capacity than BA-5390A/U
- State of Charge Indication to fully utilize battery capacity. 5 distinct ranges from 90% to 10%
- Dual modes: 12V or 24V
- No voltage delay
- Improved low temperature performance
- Shelf life up to 12 years with 80% capacity
- CDD indication displays when battery is ready for disposal
- Lightweight

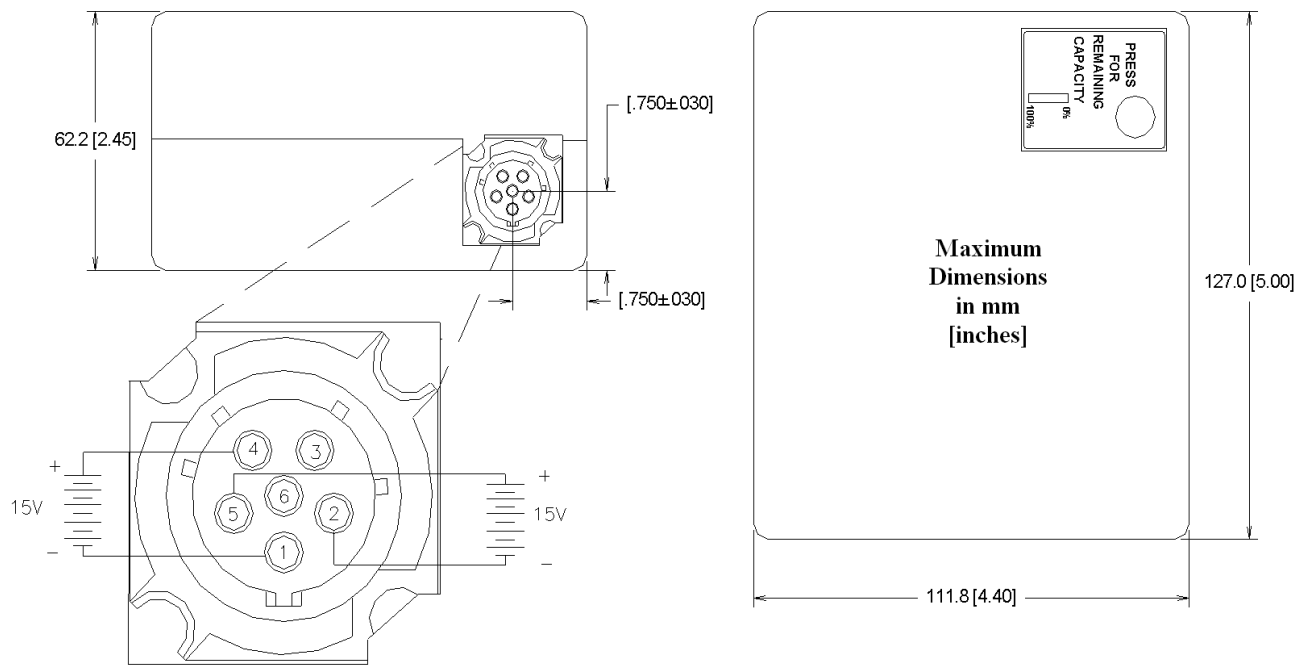
### Applications

- Alternative for BA-5590/U Li-SO<sub>2</sub> (NSN: 6135-01-036-3495) battery
- AN/PRC-117G, AN/PRC-117F, AN/PRC-119, AN/PSC-5D
- Javelin Medium Anti-Tank CLU
- More than 50 other military applications

### Optional Accessories

- CA0006: 24V, 2 conductor cable
- CA0007: 12V, 2 conductor cable
- CA0008: 24/12V, 4 conductor cable
- UAD0013: XX90 Primary Mating Connector
- See the XX90 Battery & Accessory Reference Guide on Ultralife's website

# Dimensions



# Performance Graphs

