

## BA-5390A/U

### Technical Datasheet



#### FEATURES

- State of Charge Indication to fully utilize battery capacity. 5 distinct ranges from 90% to 10%
- Dual modes: 15 V or 30 V
- High energy density
- No voltage delay
- Wide operating temperature range
- Lightweight
- 10-year shelf life
- Long operating life: 50 – 100% more runtime than BA-5590/U
- Safe: non-pressurized system, hermetic Ni-Plated Steel Cans
- CDD indication displays when battery is ready for disposal

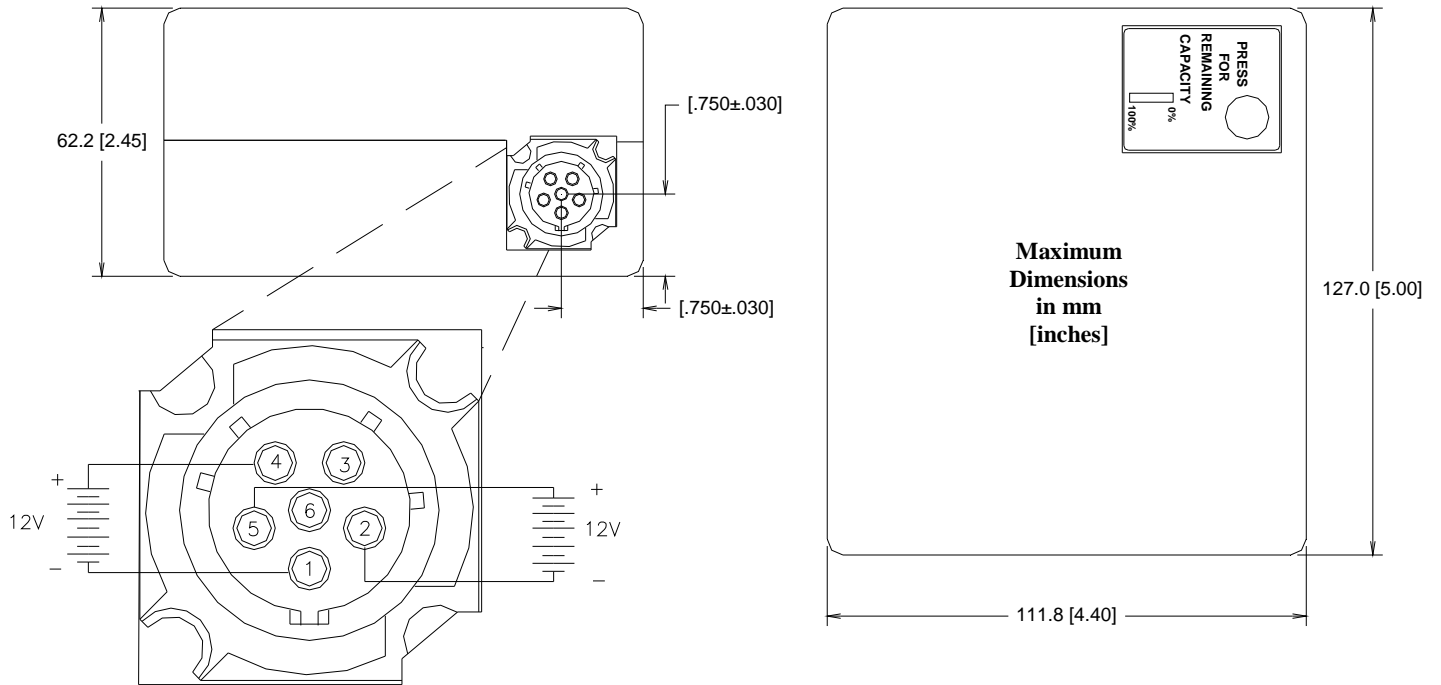
#### APPLICATIONS

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

#### SPECIFICATIONS

<b>Part No</b>	UB0021
<b>NSN</b>	6135-01-517-6060
<b>Voltage Range</b>	30V Mode: 33.0V max, 20.0V final 15V Mode: 16.5V max, 10.0V final
<b>Average Voltage</b>	30V Mode: 27.0 Volts 15V Mode: 13.5 Volts
<b>Capacity</b>	30V Mode: 11.1Ah @ 250mA to 20V @ 23°C 15V Mode: 22.2Ah @ 250mA to 10V @ 23°C
<b>Max. Discharge</b>	30V Mode: 2.0A continuous 15V Mode: 4.0A continuous
<b>Max. Pulse Capability</b>	30V Mode: 2.5A continuous 15V Mode: 5.0A continuous
<b>Weight</b>	~1330 grams
<b>Operating Temp</b>	-30°C to 72°C
<b>Storage Temp</b>	-40°C to 90°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 – MSDS030. Safety Guide UBM-5135.
<b>Transportation</b>	Class 9 U.S and International (see note.)
<b>Harmonized Tariff Code</b>	8506.50.0000
<b>Note</b>	Complete description of transportation regulations, lithium weights and transportation classifications is available on the Ultralife Website. <a href="#">Ultralife Transportation Regulations and Information</a>

## DIMENSIONS



## PERFORMANCE GRAPHS

