

# BA-5390/U

## Technical Datasheet



### Features

- Dual modes: 15V or 30V
- High energy density
- No voltage delay
- Wide operating temperature range
- Lightweight
- Up to 10-year shelf life
- Long operating life: 50 - 100% more runtime than BA-5590/U
- Safe: non-pressurized system, hermetic Ni-plated steel cans

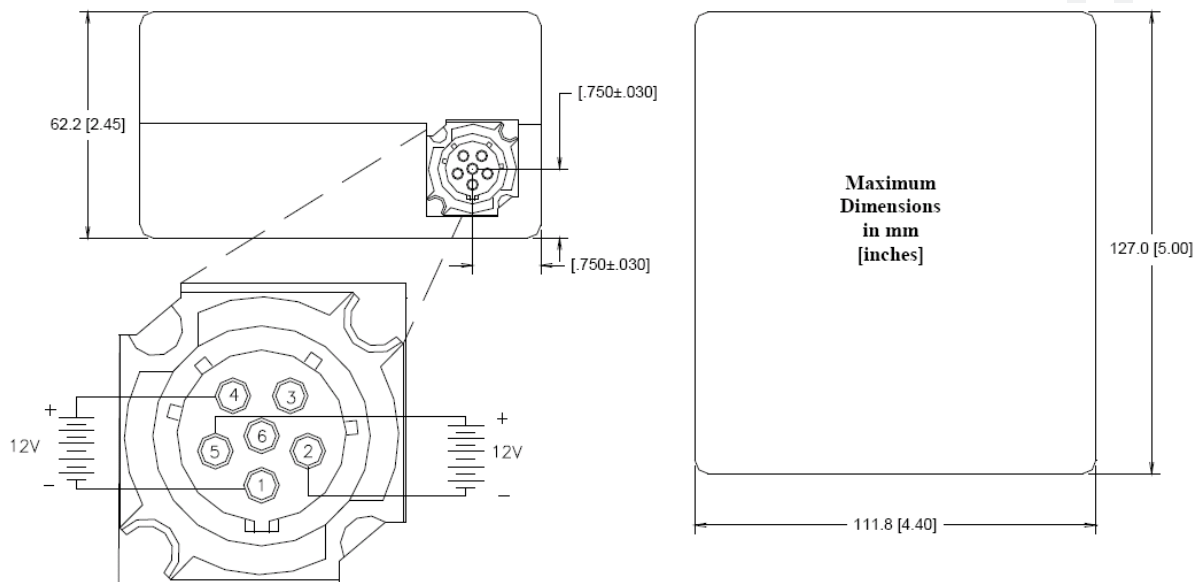
### Applications

- 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
- Approximately 50 other military applications

### Technical Specifications

Part No.	UB0001
NSN	6135-01-501-0833
Voltage Range	30V Mode: 33.0V max, 20.0V final 15V Mode: 16.5V max, 10.0V final
Average Voltage	30V Mode: 27.0 Volts 15V Mode: 13.5 Volts
Capacity	30V Mode: 11.1Ah @ 250mA to 20V @ 23C 15V Mode: 22.2Ah @ 250mA to V @ 23C
Max. Discharge	30V Mode: 2.0A continuous 15V Mode: 4.0A continuous
Max. Pulse Capability	30V Mode: 2.5A continuous 15V Mode: 5.0A continuous
Weight	~1330g
Operating Temperature	-30°C to 72°C
Storage Temperature	-40°C to 90°C
Exterior/Housing	Hard Plastic Case
Terminals/Connector	Connector SC-C-179492
Safety	Material Safety Datasheet - MSDS030 Safety Guide UBM-5135
Transportation	Class 9 U.S. and International (see note)
Harmonized Tariff Code	8506.50.0000
Note	A complete description of transportation regulations, lithium weights and transportation classifications is available on the Ultralife website.

## Dimensions



## Performance Graphs

