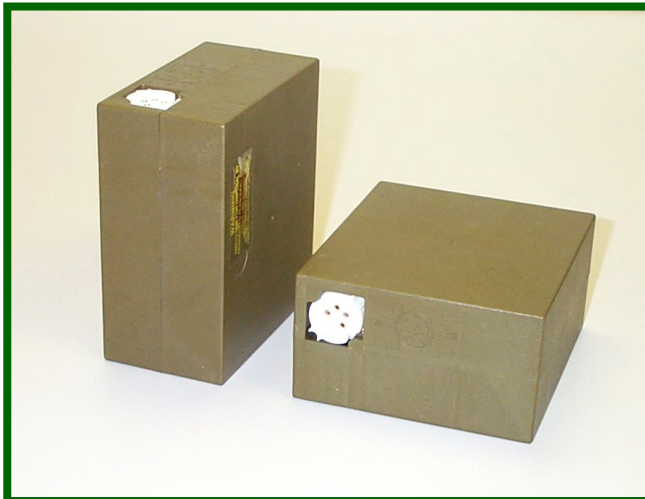


## BA-5590/U Battery



- High performance non-rechargeable Lithium Sulphur Dioxide battery.
- Durable high impact plastic housing and connector enclosure
- High reliability due to all welded construction
- Unit contains safety vented cells and safety devices (fuse, TCO, diode)
- Silver plated contacts
- 100% final testing

This battery is engineered and designed for use in a world wide tactical environment, and is manufactured to meet and exceed US MIL-SPEC and ISO9000 methods and procedures. This battery meets the requirements of MIL-B- 49430 (Li-SO<sub>2</sub>) with reference to MIL-STD-810 for:

Battery voltage	Electrolyte leakage	Insulation resistance
Mechanical and thermal shock	Vibration	

For use in	PRC-104, PRC-113, PRC-119, PRC-138, KY-57 and other equipment
Replacement for	BA-5590B/U, BA-5590, BA-3590/U, BB-490/U, BB-390A/U, BB-590/U, NSN 6135-01-036-3495, NSN 6135-01-438-9450, NSN 6135-99-749-7054
Cell chemistry	Lithium Sulphur Dioxide
Typical capacity	7.2Ah per section
Nominal voltage	30 Volts or two 15V sections depending on connection
Cut off voltage	10V per section
Nominal dimensions	112 x 63 x 127 mm
Nominal weight	1.025kg
Typical service life	3.4 hours at a constant current discharge of 2A at 21 °C
Connector	6 hole socket with silver plated contacts, to SC-C-179492
Case material	Olive drab plastic
Operating temperature	-20°C to +55°C
Shelf life	5 years
Disposal	Check with local regulations

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