

UBI-5390XC/SF

Technical Datasheet



Features

- Small format is 31% lighter than BA-5590U with 7% more energy
- Small format is approximately half the size and weight of Ultralife's full-size BA-5390A/U with 70% of energy
- State-of-Charge indication to fully utilize battery capacity. 5 distinct ranges from 90% to 10%
- No voltage delay
- Improved low temperature performance
- CDD indication displays when battery is ready for disposal
- Lighter weight and smaller size
- Shelf life up to 12 years with 80% capacity

Applications

- Smaller alternative for BA-5590/U and BA-5390A/U Li-SO₂ (NSN: 6135-01-036-3495 and 6135-01-547-6060) batteries
- AN/PRC-119 SINGARS
- Portable 12V devices
- More than 50 other military applications

Optional Accessories

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

Technical Specifications

Part No.	UB0031
Voltage Range	16.5V to 10.0V
Capacity	16.0Ah @ 250mA to 10V @ 23°C
Max. Discharge	2.0A continuous
Max. Pulse Capability	6A for 5 seconds
Size	4.4in x 2.45in x 2.85in
Weight	690g (1.52lb)
Operating Temperature	-40°C to 55°C
Storage Temperature	-40°C to 80°C
Exterior/Housing	Gray Noryl 190X
Terminals/Connector	Connector SC-C-179492
State of Charge Indicator	5 segment LED with push-button activation
Safety	Material Safety Datasheet - MSDS00148
Transportation	Class 9 International and within U.S. unless shipped by motorcar or rail within U.S. (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

