ULTRALIFE® Batteries

We. Are. Power.™

CH0003

6-Bay Battery Charger/Conditioner

The Ultralife Advantage

Better technology. Our battery & charging technologies and power systems enable us to design leading-edge solutions for the world's most demanding applications.

The CH0003 is a self-contained battery charger/conditioner mounted in a ruggedized environmentally resistant case, which provides a reliable and consistent recharge of up to six batteries simultaneously. The CH0003 auto senses battery type to assure proper charge profile.

SPECIFICATIONS

Part No	CH0003
NSN	6130-01-499-7305
DC Input Range	12 to 36 VDC, MIL-STD 1275
AC Input Range	95-260 VAC, 47 to 440 Hz
Charge Rate	1.0 Amp per String (BB-390 / 590 Batteries) 1.1 Amps per String (BB-2590 / UBI-2590 Batteries)
Indicators	Steady LED – Fast Charge Flashing LED – Trickle Charge No LED – Charge Complete
Size	24 L x 20 W x 9.0 inches D (60.96 x 50.8 x 21.59 cm)
Weight	25 lbs (11.34 Kg) w/o batteries
Charging Temp	0°C to 45°C (32°F to 113°F)
Storage Temp	-50°C to 65°C (-58°F to 149°F)
Operating Altitude	27,000 ft (8,229.6 m)
Storage Altitude	55,000 ft (16,764 m)
Humidity	95 % Relative

Any combination of the following batteries can be recharged:

BB-390/U – Nickel Metal Hydride (NiMH)
BB-590/U – Nickel Cadmium (NiCd)
BB-2590 / UBI-2590 / MRC-2590 – Lithium-Ion (Li-ion)

FEATURES

Unattended Charging

- Smart charge modules that detect open or shorted cells. If a defective cell is detected the CH0003 will not start charge cycle
- Once charge is completed the CH0003 will maintain the battery being charged with a trickle charge if battery is left connected to the CH0003
- In no event will a battery be overcharged using the smart charging techniques of the CH0003

Wide Range Input Voltage

- Allows operation from nearly any AC or DC power source likely to be encountered worldwide

Conditioning Cycle

- Automatic discharge/recharge function included. The conditioning cycle can be activated individually per battery at operator's option

Recharges Each String of Cells

- To assure a positive recharge of the battery each individual string of cells in the battery is recharged independently