

CH0003 Technical Datasheet



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.

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
- · 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

Recharge Each String of Cells

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

CE Mark Approval

· CH0003 has approval for CE Mark

Technical SpecificationsPart No.CH0003NSN6130-01-683-7848AC Input115-230VAC, 50-60HzDC Input12 to 36VDC, MIL-STD 1275Charge Rate1.0Amp per string (BB-390/590 batteries) 1.1Amps per string (BB-390/UBI-2590 batteries)Battery TypesAny combination of the following batteries: BB-390/U - Nickel Metal Hydrate (NiMH) BB-590/U - Nickel Cadmium (NiCd) BB-2590 / UBI-2590 (UBBL02) / MRC-2590 / UBBL09 / UBI-2590 SMBus (UBBL10) - Lithium-lon (Li-ion)User InterfaceSteady LED - Fast Charge Flashing LED - Trickle Charge No LED - Charge CompleteSize60.96cm (24in) x 50.8cm (20in) x 21.59cm (9in)Weight11.34Kg (25lbs) without batteriesCharging Temperature0°C to 45°C (32°F to 113°F)Storage Altitude55,000 ft. (16,764m)Humidity95% relativeNote-01: 8ft, US-NEMA 5-20P -02: 8ft, AS/NZS 3112* -04: 6ft, EU-SCUKO CEE 7/7 - Low Pro *A/C cable will not fit inside case, cable is packaged separately		
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