

MIL/MC6-90D Military Battery Charger/Conditioner for MIL/BB-2590/U, MIL/BB-390A/U and MIL/BB-590/U



The smart charge techniques detect open or shorted cells and will not start the charge cycle if a defective cell is detected. The smart charge techniques also prevent any battery being overcharged.

On completion of charge a trickle charge is applied until the battery is removed.

An automatic discharge/recharge function is included and this can also be activated manually for any individual battery if required.

Each cell string is independently charged to ensure the battery is correctly recharged.

- Charger/Conditioner for Lithium Ion BB-2590/U, NiMH BB-390A/U & NiCd BB-590/U
- Charges up to 6 batteries simultaneously
- Charger automatically detects battery type and applies correct charge profile
- Universal input ac supply, and 12V to 36V dc input supply

The charger detects the type of battery connected and selects the appropriate charge profile. For the BB-2590/U this is a 1.1A constant current charge followed by a constant voltage charge of 16.8V. For the BB-390A/U and BB-590/U this is a 1A fast charge followed by a balance charge which is maintained until the battery is disconnected.

Function	Value
Constant current charge current	1.0A per section for NiCd and NiMH and 1.1A for Li-Ion
Constant voltage charge voltage	16.8V per section for BB-2590/U
Number of batteries	Up to 6
AC supply voltage	85-270V ac, 47 to 440Hz
DC supply voltage	12V to 36V to MIL-STD-1275
Size	24" x 20" x 8.5" (61cm x 51cm x 21.6cm)
Weight	25lbs (11.34kgs)
Operating altitude	27,000 feet (8,230m)
Storage altitude	55,000 feet (16,764m)
Environmental	Sealed to IP55, Shock and vibration to MIL-Std 810E
Charging temperature	0°C to +45°C
Storage temperature	-40°C to +65°C
Operating humidity (RH)	Up to 95%

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