

MIL/MCT-2590 Charger for BB-X90/U Batteries

- Top Hat Charger for BB-2590 Li-Ion, BB-390 NiMH and BB-590 NiCd batteries.
- NSN: 6130-99-897-2903.
- Charger operates from 24V dc supply. Supplied with 115/230V ac input universal power supply.



Military Charger



Charger functions include: Pre charge test – to check the battery is fit to charge, constant current charge and constant voltage charge.

The charger is designed for quick and convenient charging of the BB-x90 battery family and charges Lithium Ion, Nickel Metal Hydride and Nickel Cadmium batteries.

On connection to the top of the battery the charger detects the battery chemistry from the contact pins and the appropriate charge is applied automatically. Constant current or constant voltage is applied as required by the state of charge of the battery and the chemistry.

| Function | Value |
|---------------------------------|---|
| Constant current charge current | 1.0A per section |
| Constant voltage charge voltage | 16.8V per section |
| Connections | Charger plugs into battery via integral connector |
| Output power | 34 Watts |
| Charger power input | 20V to 30V dc |
| Dimensions and weight | 110mm x 75mm x 40mm, 150 gms |
| Case | Black ABS |
| AC power supply voltage | 110V/230V ac, 50/60Hz - universal input |
| Charging temperature | 0°C to +45°C |
| Storage temperature | -25°C to +70°C |
| Lamps off | No battery or charge fault |
| Red | Charging Lithium Ion |
| Amber | Charging Nickel Metal Hydride |
| Green | Charging Nickel Cadmium |
| Green flashing | Charge complete |

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