

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

- Cage code: KE507
- NSN: 6130-99-897-2903.
- Top Hat Charger for BB-2590 Li-Ion, BB-390 NiMH and BB-590 NiCd batteries.
- Charger operates from 24V dc supply. Supplied with 115/230V ac input universal power supply.



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

Constant current charge current

Constant voltage charge voltage

Connections

Output power

Charger power input

Dimensions and weight

Case

AC power supply voltage

Charging temperature

Storage temperature

Lamps off

Red

Amber

Green

Green flashing

### Value

1.0A per section

16.8V per section

Charger plugs into battery via integral connector

34 Watts

20V to 30V dc

110mm x 75mm x 40mm, 150 gms

Black ABS

110V/230V ac, 50/60Hz - universal input

0°C to +45°C

-25°C to +70°C

No battery or charge fault

Charging Lithium Ion

Charging Nickel Metal Hydride

Charging Nickel Cadmium

Charge complete