

BCT- Battery Charger- Temperature



The BCT Battery Charger is a temperature sensing battery charger for NiCd and NiMH battery packs. The economical charger senses temperature and a small change in battery temperature to determine full charge. It has an internal regulator for use with AC/DC power adaptors to charge power tool batteries. The module version has adjustments for different battery packs for 1-4 hours charge time. It can be used

in-line or as a full charger to charge power tool battery packs.

Benefits

- Extends battery life.
- Full charging without over-charging.
- Reliable automatic operation.

Applications

- Power tools.
- RC hobbies.

Available Models

OT-BMBCT-13T1-01: For Onstate 13.2V battery pack. With 18V power supply. Standalone modules for other voltages and controls available.

Features

- Easy-to-use in-line module.
- Built-in current regulator.
- Adjustable for various battery packs.
- For 1-4 hours charge time
- Compact size.
- Automatic operation.
- Delta T, T sensing control.

Technical Specifications Standard model

Sensing method:	High/low temperature, Delta-T
Temperature rise:	~10°C
Battery voltage:	13.2V
Charging current:	1A max limited
Power input:	120VAC input
Connector:	6 Pin male mini-DIN
LED indicator:	Red-Charging Green-Ready/Power
Operating Temperature:	0°C to +45°C (out-of-range temperature lock-out)

Note: Do not use in wet or damp locations. Do not exceed the specifications of the unit.

A separate delta-T charging controller is available to monitor charging of 12V and 14.4V cordless drill batteries.