

## Battery Charger BC-700

The BC-700 charges both AA and AAA rechargeable batteries - NiMH or NiCD - simultaneously and automatically. Charging automatically begins at 200 mA (or the user can select 500, or 700 ma charge rate settings). Batteries will be discharged and recharged up to 20 cycles or until batteries are refreshed to maximum capacity.

The four mode display shows voltage, current charge, time elapsed and accumulated capacity. The BC-700 battery charger's thermal safety circuit will even detect excessive temperature of your rechargeable batteries during charging. **The BC-700 battery charger is for anyone needing the very best in rechargeable battery charging performance.** The advanced features of the BC700 are what sets it apart from all current NiMH battery chargers.



**The BC-700 accepts any rechargeable battery brand or capacity of AA or AAA, NiMH or NiCd battery - up to 3000mAh.** You can use it to charge virtually any AA, or AAA NiMH or NiCD rechargeable batteries you currently own or will purchase in the future.

### 4 Different Charging modes are user selectable!

At the heart of the BC-700 are four different charging modes: CHARGE, DISCHARGE, REFRESH, & TEST. No other battery charger on the market comes close to offering the versatility and flexibility of the BC900. Each mode offers a distinct advantage for the discriminating battery owner. Examine closely their capabilities:

**Charge Mode** - allows a range of user selectable milliamp settings from 200 to 700 for faster charging times. Within 4 seconds after rechargeable batteries are inserted charging automatically begins at 200mA, or you may select 500, 700, 100, 1500, or 1800mA charge rates for faster charging times.

**Discharge Mode** - reduces memory effect by discharging rechargeable battery completely before recharging to full capacity. User selectable.

**Refresh Mode** - discharges and recharges up to 20 cycles or until rechargeable battery is refreshed to full capacity. User Selectable.

**Test Mode**- First charges the rechargeable battery to full capacity, then discharges completely to measure rechargeable battery capacity for display in mAh or Ah, and then recharges each rechargeable battery to full battery capacity.

### 4 Independent Charging Banks - means better charging for each rechargeable battery cell!

The BC-900 has four independent charging banks, so each battery cell is individually and optimally charged.

### Full Function LCD Display shows complete Battery Information at any time!

REFRESH: Rechargeable Batteries are run through a series of CHARGE/DISCHARGE cycles, attempting to increase the capacity of each rechargeable cell. Charging stops when no further increases are obtained. A natural extension of the DISCHARGE mode, only now the process continues until cells are at maximum operating capacity.

### 6 User Selectable Charge rates!

Most battery chargers have one or even two charge currents, but the BC 700's charging current is adjustable for each charge mode. From 200mA all the way up to 700mA. The BC700 battery charger allows you to slow charge for gentle rechargeable battery care, or fast charge 2000mAh cells in just 190 minutes with its top charging rate!

## Advanced Temperature Sensor Circuit

The Temperature Sensor Circuit built in to the BC-700 battery charger will stop the charge cycle if the battery temperatures reach 53°C. As soon as the rechargeable batteries have cooled the automatic charging will resume. This BC-700 feature will greatly maximize the life of your rechargeable batteries when dangerous overheating is prevented.

- Charges Battery Types: AA & AAA NiCd and NiMH
- Input Voltage for AC/DC Adapter: 100-240 VAC
- Charging Current Range: 200 mA - 700 mA
- All modes automatically default to 200 mA charge on the BC-700 Battery charger
- 7 Easy to Use Function Keys
- The BC-700 battery charger will charge both AA and AAA rechargeable batteries simultaneously
- Will charge all Low-Discharge batteries also.
- The BC-700 battery charger has four independent channels - Charges 1, 2, 3 , or 4 rechargeable batteries at a time.
- Select different charging current for each channel
- Overheat detection to protect over-charging
- All Modes (measures rechargeable battery voltage)
- LCD shows capacity for each battery when charging is complete
- Charge Mode - allows a range of user selectable milliamp settings from 200 to 700 for faster charging times. Within 4 seconds after rechargeable batteries are inserted charging automatically begins at 200mA, or you may select 500, or 700mA charge rates for faster charging times.
- Discharge Mode - reduces memory effect by discharging rechargeable battery completely before recharging to full capacity. User selectable.
- Refresh Mode - discharges and recharges up to 20 cycles or until rechargeable battery is refreshed to full capacity. User Selectable.
- Test Mode- First charges the rechargeable battery to full capacity, then discharges completely to measure rechargeable battery capacity for display in mAh or Ah, and then recharges each rechargeable battery to full battery capacity.
- Automatically detects defective batteries - Will not charge defective batteries
- You can also use 4 different charge modes for 4 rechargeable batteries simultaneously.
- Automatically switches to trickle charge when charging is complete to ensure maximum battery capacity
- The BC-700 has LCD readouts which allow you to monitor rechargeable battery charge and rechargeable battery charge time.
- World Voltage capable - Operates on 100~240V AC Input.
- Charger Dimensions: 3.0" Wide x 5.1" Deep x 1.5" Thick
- The BC-700 charger recharges both Nickel Cadmium and Nickel Metal Hydride rechargeable batteries made by any manufacturer.