



BC-800NM4 & BC-800NM Battery Chargers

The BC-800NM4 4-bay and BC-800NM single-bay battery chargers provide users with a full featured charger and conditioning unit. Both chargers are specifically designed to charge the BP-700NM NiMH rechargeable battery pack that is utilized by the TR-700, TR-800, TR-825, TR-1, RKP-4 and the new TR-80N and TR-82N Narrow Band belt packs. Both BC-800NM4 and BC-800NM battery chargers offer a conditioning cycle, status indicators and rapid charge capability. The BC-800NM4 and BC-800NM also offer "Intelligent Charging" that optimizes the battery charge cycle and maintains the battery pack at peak capacity for extended periods of time.

Features

Conditioning Cycle

Provides built-in maintenance capability to maximize battery cycle life.

Status Indicators

'Charging', 'Ready', 'Rejected' (dead battery), 'Conditioning Cycle' and 'Power LED' indicators make the BC-800NM simple and easy to use.

Intelligent Charging

- Optimizes the battery
- Battery can remain in the charger indefinitely
- Maintains battery at peak capacity

Rapid Charge Capability

Charges in less than 2 hours

BC-800NM4 & BC-800NM Specifications

Overall

ESD

8 KV continuous contact discharge; 15 KV from air to all surfaces without contact

Humidity: 95% relative humidity (non-condensing)

Drop

Unit functions normally after 4ft./1.2m drop to concrete

Storage Temperature

-40° to 122°F/-40° to 50°C

Operating Temperature

32° to 122°F/0° to 50°C

Power Supply

BC-800NM4 (Universal): 90V-230 VAC, 50/60 Hz

Output: 15 VDC, 5A or 24 VDC, 4.5A

BC-800NM (Universal): 90V-230 VAC, 50/60 Hz Output:

15 VDC, 1.5A or 24 VDC, 1.3A

Safety Standards

Charger & power supply UL listed (UL 1950), CSA Certified (C 22.2 No. 223); Compliant to FCC part 15 Class A and CE Marking (Electromagnetic Compatibility) Directive 89/336/EEC and Low Voltage Directive 73/23/EEC; C15PR-22 Class B

Performance Characteristics

Rapid Charging

Charges batteries to 90+% capacity in 2 hours or less

Complete Charge

Completes 100% capacity charge in 4 hours or less

Conditioning

Completely discharges a battery and automatically switches to charging mode

Maintenance Charge

Maintains the battery at optimum capacity indefinitely

User Interface

Power LED

Indicates POWER to charging slot

Conditioning/Charging LED: Flashing indicates discharging process

Reject LED

Flashing indicates faulty battery

Conditioning/Charging LED: Solid indicates battery pack is being charged

Ready LED

Solid indicates battery charged

Contact Information

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Form Number: LIT000151000 Rev A

Date: August 2008

Product Dimensions/Weight

BC-800NM4

13"W x 1.7"H x 7"D (33cm x 4.5cm x 17.8cm),
4lbs (1.5kg) without battery adapters

BC-800NM

3"W x 3.5"H x 6"D (7.62cm x 8.89cm x 15.24cm),
1lb 6oz (0.62kg)

Shipping Dimensions/Weight

BC-800NM4

11.5"W x 10.5"H x 18.5"D (29.2cm x 26.7cm x 47cm),
10 lbs 9oz (4.8kg) with battery adapters, power supply, &
rechargeable battery packs

BC-800NM

7"W x 4.5"H x 7"D (17.68cm x 11.43cm x 17.8cm),
2lbs 10oz (1.2kg) with rechargeable battery pack &
power supply

Material: ABS KJW fire retardant plastic, textured

Ordering Information

BC-800NM

Single-Bay Charger for TR-1/700/800/825/RKP-4 with
USA power cord and BP-700NM

Catalog Number: PRD000070006

BC-800NME

Single-Bay Charger for TR-1/700/800/825/RKP-4 with
Euro power cord and BP-700NM

Catalog Number: PRD000070007

BC-800NM4

Four-Bay Charger for TR-1/700/800/825/RKP-4 with
USA power cord and BP-700NM

Catalog Number: PRD000070008

BC-800NM4E

Four-Bay Charger for TR-1/700/800/825/RKP-4 with
Euro power cord and BP-700NM

Catalog Number: PRD000070009

C800NM

Single-Bay Charger without Power Supply

Catalog Number: PRD000070000

CB800NM4

Docking Station, Four-Bay Charger

Catalog Number: PRD000070003

PS800NM4

Power Supply for Four-Bay Charger

Catalog Number: PRD000070004

PS-800NM

Power Supply for Single-Bay Charger

Catalog Number: PRD000070001

PC-UK

BC-800NM and BC-800NM4 UK Power Cord.

Catalog Number: 550024002

This specifications information is preliminary and is subject to change without notification.

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