

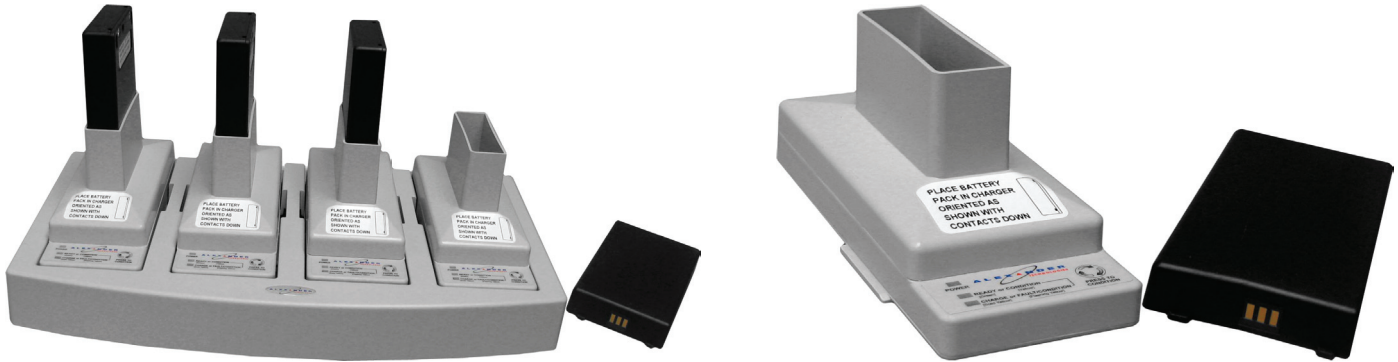


**RadioCom**

## Technical Data Sheet

Innovating the Future of Global Communications

### BC-800NM4 and 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-800NM rechargeable battery pack 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 offers "Intelligent Charging" optimizing 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 BC800NM 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 two (2) hours.

# Specifications

## Overall

ESD: .....8KV continuous contact discharge  
15KV 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°F to 122°F (-40°C to 50°C)

Operating Temperature: ..... 32°F to 122°F (0°C to 50°C)

## Power Supply

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

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

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

Output: ..... 15VDC, 1.5A or 24VDC, 1.3A

## Safety Standards:

Charger and 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 2004/108/EC and Low Voltage Directive 2006/95/EC; 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: ..... When activated by the user, 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

## Product Dimensions/Weight

BC-800NM4: ..... 13" W x 4" H x 7" D  
(33cm x 10cm x 17.8cm)  
3lb 8oz (1.59kg)

BC-800NM: ..... 2.5" W x 3.5" H x 6" D  
(6.35cm x 8.89cm x 15.24cm),  
4.8oz (.14kg)

## Shipping Dimensions/Weight

BC-800NM4: ..... 11.5" W x 10.5" H x 18.5" D  
(29.2cm x 26.7cm x 47cm),  
10 lb 9oz (4.8kg) with battery adapters,  
power supply, and four (4) BP-800NM  
rechargeable battery packs

BC-800NM: ..... 7" W x 4.5" H x 7" D  
(17.68cm x 11.43cm x 17.8cm),  
2lb 10oz (1.2kg) with BP-800NM  
rechargeable battery pack  
and power supply

Material: ..... ABS KJW fire retardant plastic, textured

# Order Information

BC-800NM • Single-Bay Charger for TR-1/700/800/825/RKP-4/80N/82N with USA power cord and a BP-800NM

BC-800NME • Single-Bay Charger for TR-1/700/800/825/RKP-4/80N/82N with Euro power cord and a BP-800NM

BC-800NM4 • Four-Bay Charger for TR-1/700/800/825/RKP-4/80N/82N with USA power cord and four (4) BP-800NM

BC-800NM4E • Four-Bay Charger for TR-1/700/800/825/RKP-4/80N/82N with Euro power cord and four (4) BP-800NM

C800NM • Single-Bay Charger without Power Supply

CB800NM4 • Docking Station, Four-Bay Charger

PS800NM4 • Power Supply for Four-Bay Charger

PS-800NM • Power Supply for Single-Bay Charger

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

For ordering information, contact your regional sales representative at:  
<http://rtsintercoms.com/us/intercom/contact>

The specification information is preliminary and is subject to change without notification.  
Brand names mentioned are the property of their respective companies.