



# Battery Charger

## CB02

CB02 is a device designed to recharge batteries of radio modems RM02; it is equipped with two independent slots and can recharge 2 batteries at the same time. Besides, it provides a USB interface to communicate with a RM02 module using a PC and Dataget program (note: this function is available for slot 0 only).

To recharge a battery, simply insert a RM02 module into any of the two slots provided. All charging phases are handled automatically by a microprocessor in order to ensure a speedy and safety operation.

Each slots is equipped with a red LED indicator that provides information on the state of charge using the following encoding:

**LED off:** battery charger off (no current flows into battery).

**LED on:** constant current charge (initial phase of charging).

**LED slow blinking:** constant voltage charge (final phase of charging; battery charge is > 85%).

**LED fast blinking:** alarm; the full charge state of the battery was not reached within 2 ½ hours. The charger is turned off.

CB02 can be powered by a USB PC port or by a 5V/1A AC to USB power supply.



## Ordering codes:

Codice	Sigla	Descrizione
8802535	CB02	CB02 Battery Charger
8800028	-	AC power supply, 5V/1A

## Technical specifications

### NUMBER OF CHARGING DOCKS

2 (simultaneously operating)

### POWER SUPPLY (5V $\pm$ 10%)

4 mA (empty docks)

+ 150 mA max (all docks charging)

### FEATURES

- Automatic charging slopes managing
- Charging battery status indicator
- Safety charge timeout

### TEMPERATURE RANGE

-10°...50°C working (RH max 85% at 25°C)

-30°...60°C storage

### DIMENSIONS

90 mm x 56 mm x 30 mm

### WEIGHT

~160 g