

ACCURATE CHARGING for NiCd batteries as well as the newer NiMH batteries.

AUTOMATIC CYCLE for battery discharge-charge from 2.4 to 12 V, and up to 4000 mA/h capacity.

CLEAR SIGNALLING of functions with leds.

Technical data

Power supply: 220 VAC
Maximum absorbed power: 50 VA
Fuse: 600 mA
Dimensions: 180 x 130 x 80 mm
Weight: 1.400 Kg

Application

- 1) TURN ON the BC11 and adjust according to the battery characteristics, as indicated below (see, "How to determine battery characteristics").
- 2) SELECT THE VOLTAGE using the pushbutton shown in drawing 1:
from 2.4 to 6 V, with pushbutton pressed;
from 6 to 12 V, with pushbutton released.
- 3) SELECT THE CURRENT with pushbuttons 3, 4 or 5:
from 250 to 800 mA - pushbutton 3;
from 800 to 1800 mA - pushbutton 4;
from 1800 to 4000 mA - pushbutton 5.
- 4) CONNECT THE BATTERY to the clamps using cables of at least 1 mm² section, carefully check the polarity between

the battery and the clamps.

The battery is now being charged (green led on), however, it is advisable to completely discharge the battery before re-charging.

5) DISCHARGE AND RECHARGE: to discharge the battery, simply press the red pushbutton (2). When discharging is terminated, BC11 automatically begins recharging and obtains full charge in a short time. All phases are signalled by leds (the red led indicates discharge, the green led indicates charging, the flashing green led indicates full charge).

N.B.: complete battery discharge is always advised in order to prevent memory effect which decreases battery capacity.

How to determine battery characteristics:

1) SINGLE CELLS each cell delivers 1.2 V.

Example:

2 cells = 2.4 V

5 cells = 6 V

10 cells = 12 V.

Capacity is indicated on the battery and can be, for example: 450 mA/h 700 mA/h 1400 mA/h.

2) BATTERY PACKS: indications are usually shown on the battery.

Warning

Remember that dry cell batteries (manganese or alkaline) are not rechargeable - they can explode.

Lead batteries are not rechargeable with this device.

