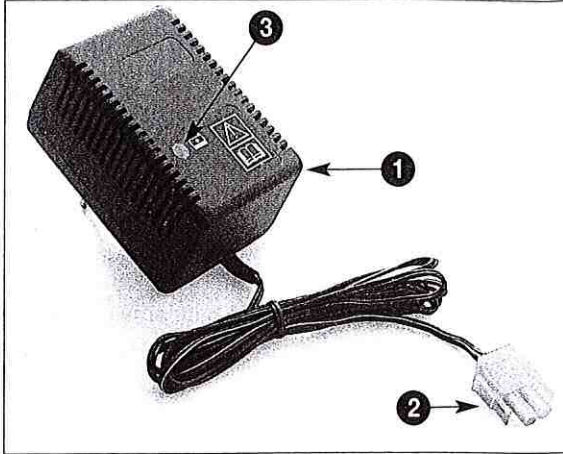



HF2315-2417-2622 K3.



## BATTERY CHARGER CB04 INSTRUCTIONS FOR USE

to be carefully read before using the apparatus



 Do not dispose of electric equipment together with household waste material! In observance of European Directive 2002/96/EC on waste electrical and electronic equipment and its implementation in accordance with national law, electric equipment that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility. For further information on the disposal of this product, contact your dealer or a domestic waste collection service

### 1. SAFETY RULES

**1.1** This battery charger must only be used for keeping charged 12 Volt lead batteries, with a maximum capacity of 24 Ah. In exceptional cases, it can also be used for emergency charging.

**1.2** Connect the battery charger to a power outlet which has the same voltage and frequency as that shown on the plate. The socket used must be efficient and safe.

**1.3** If extension cables are used, these must have plugs complying with laws. Place the battery charger in a stable and safe location, and prevent both the battery charger and the cable from coming into contact with water or dirt.

**1.4** Carry out the recharging operation at ambient temperature between +5° and +38°C, strictly complying with the recommendations shown in the instructions for using the battery and the machine in which it is fitted.

**1.5** Do not use the battery charger in the presence of liquids, vapour or inflammable gas.

**1.6** Do not use the battery charger if damaged, or in case of doubt about its efficiency after a fall or a knock.

**1.7** Do not dismantle the battery charger or alter its characteristics.

### 2. SUPPLY

**2.1** The battery charger (1) comes with a two-core cable with a connector (2) for connecting **only** to the wiring of machines supplied with it.

### 3. CHARACTERISTICS AND METHODS FOR USE

**3.1** The battery charger has been specifically developed to keep up lead batteries. Used regularly, it will assure longer life and efficiency to the battery, preventing it from being damaged by deep discharging over extended periods. By way of exception, it can also restore flat batteries to a reasonable charge level.

**3.2** If the machine is only occasionally used, the battery can be charged before and after each use.

### 4. USE

**4.1** If the battery is not removed from the machine, make sure that the key on the control panel is in the "OFF" position.

Connect the battery charger to the mains power supply and then attach the battery charger connector (2) to the corresponding connector of the machine's wiring.

**4.2** The recharging cycle lasts about 72 – 96 hours; keeping the battery charger connected for more than 10 – 15 days can damage the battery.

The led light indicates the operational mode:

- Lit = charging in progress
- Off = battery charged

**4.3** The battery charger has a thermal protection device against overcharging and a protection device against short circuits.

If the thermal protection has cut in, the power supply is stopped, restarting automatically after about 30 seconds. An increase in temperature when recharging is a normal operating condition.

**4.4** To disconnect the battery charger, reverse the order of the operations given at point 4.1.

After use, do not leave the battery charger disconnected from the mains supply and connected to the battery to prevent the battery from discharging.

### 5. TECHNICAL DATA

- Voltage and frequency of the power supply: 230 V ac ( $\pm 6\%$ ) / 50 Hz.
- Maximum output voltage: 15 V cc
- Max output current: 600 mA.

TYPE (ART) CB04 230/12V-0.6A

COO 1821800 54/1