elektrosistem NEWS

HIGH FREQUENCY BATTERY CHARGER MODEL

CB 100 HF

BATTERY CHARGER MOD. CB-100HF FOR LEAD-ACID BATTERIES at 24V

FEATURES

Charging is made with decreasing current till a voltage of about 30V, over this value an electronic adjustment of output voltage keeps it constant at 30V. In this way the battery can be left connected for a longer time than that necessary for its charging without being damaged.

The battery charger is equipped with two leds indicating the running mode:

- Red led: charging
- Green led: charging end (the led becomes gradually green till charge is completed).

A filter for electromagnetic emissions is fitted on the equipment, but in order to comply with electromagnetic compatibility directives the assembling of an external filter is necessary.

TECHNICAL SPECIFICATIONS

- Input voltage 110V or 220V +/-10%
- Output voltage adjustable
- Charging current 4A with input 220V and output 25V
- Operation frequency 66 Khz
- Mode indication by means of 2 leds
- Operation temperature 0 - 40 °C
- Input delayed fuse 5A
- Input and output galvanically insulated
- Protection against polarity reversal by means of a fuse
- Output protection against short circuit by means of a fuse
- No forced ventilation system

On request we can supply the model at 12 V / 5A.

MECHANICAL CLEARANCES

**See CB-100HF for nickel-cadmium batteries

NEWS

BATTERY CHARGER MOD. CB-100HF FOR NICKEL-CADMIUM BATTERIES

FEATURES

A microprocessor logic that controls and optimises charging has been applied to the equipment in order to guarantee a longer life of batteries. It is moreover possible to fit a thermal sensor directly on the battery in order to guarantee that charging occurs in the temperature range advised by manufacturers (5°C/40°C).

The battery charger is equipped with three leds indicating the running mode:
- Red led: charging.
- Yellow led: charging is interrupted, battery temperature is not correct.
- Green led: charging end (the led becomes gradually green till charging is completed).

TECHNICAL FEATURES

- Input voltage 110V or 220V +/-10%
- Output voltage for batteries at 24V
- Charging current 4A with input 220V and output 25V
- Operation frequency 66 Khz
- Charging controlled by microprocessor
- Mode indication by means of 3 leds
- Operation temperature 0 - 40 °C
- Battery temperature control by means of a probe (optional)
- Input delayed fuse 5A
- Input and output galvanically insulated
- Protection against polarity reversal by means of a fuse
- Filter for elimination of interferences to the network
- No forced ventilation system

MECHANICAL CLEARANCES