

INSTRUCTION FOR USING FAST BATTERY CHARGER GZBC 1800V

1. INTRODUCTION

Fast battery charger type GZBC 1800V is applied for charging Lead Acid 16-18V batteries. This particular device is so not suitable for charging other types of batteries!!!

2. TECHNICAL DATA

- Type: GZBC 1800V
- Input: 230V/50Hz – 13A
- Power: 3000W
- Lead Acid battery: 16-18V (8 cells)
- Weight: 40kg
- Dimensions (WxHxL): 220x485x316mm



3. DESCRIPTION OF SIGNALS IN FAST BATTERY CHARGER

- Yellow LED 1 – power on
- Yellow LED 2 – battery is charging
- Green LED – battery is fully charged
- Red LED – battery connection error

4. INSTRUCTIONS FOR USING (always use following order !!!)

- Switch at the front side of charger must be in position OFF
- Plug fast charger in the electricity (230V AC)
- Turn the main switch at the back side in position 1
- Connect fast charger to the battery (16V) with the enclosed connector
- (See paragraph 7, Connecting for best results)
- Turn the switch at the front side of charger in position »ON«
- Lead Acid battery is 100% filled when the green LED diode flashes up
- Turn the switch at the front side in position »OFF«
- Turn the main switch at the back side in position »0«
- Disconnect fast charger from the electricity (230V AC)
- Disconnect fast charger from the battery

Switch at the front side in position Automatic (normal charging with automatic stop)

Switch at the front side in position Manual (additional charging). When charging in position Manual, be sure not to let the charger unsupervised. Switch it off after a certain period of time (ca. 30 min). Using this mode unsupervised and not shutting off could cause battery damage or even battery explosion.

Security system breaks off charging activity in following cases:

- If the battery is wrong connected – inverted polarity of the battery
- If the battery is damaged
- If the battery is 100% filled

5. SAFETY INSTRUCTION

You should not turn on the charger in following cases:

- If there is a damage on electrical wire
- If there are visible damages or interruption in charging activity

6. WARNING

- Do not charge batteries with capacity under 7Ah
- Fast charger is not designed for charging primary batteries
- Charge battery only in a good ventilated room

7. CONNECTING FOR BEST RESULTS

- There are two connections possible with supplied cables.
- A Rema connector at the charger, capable up to 175A, can be fitted either to another Rema connector directly to the batteries or indirectly using clamps.
- When charging with pulse and high currents, use the Rema connectors for best results.

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