INSTRUCTIONS FOR CHARGERS
EASY-GOLF serie

INTRODUCTION

Your charger is fully controlled by a microprocessor and is suitable for automatic recharging of gel batteries. For best results and safety, the user is required to read, follow and keep these instructions carefully. This device is to be used exclusively for recharging gel batteries of the voltage and capacity indicated in the paragraph entitled BATTERY. The manufacturer is not responsible for any damage due to improper use. This device is designed for use only in environments that are protected from any atmospheric disturbance.

BATTERY

This charger should be used to charge batteries that have the following characteristics:

- battery type: gel or internal recombination batteries
- rated voltage: see rating data on rectifier (e.g. 24 Volt)
- capacity: the optimum value can be calculated on the basis of rated rectifier current In (see rating plate):

In = 8A capacity will be C = 40 ÷ 65 Ah
In = 5A capacity will be C = 25 ÷ 40 Ah

INSTALLATION

To ensure maximum safety, the installation has to be carried out as indicated by the manufacturer. Installation and any work on the rectifier must be carried out by qualified technical personnel. Install only after disconnecting the supply cable from the mains power supply and the output cables from the battery. After unpacking, ascertain that the device is in perfect condition. In case of doubt, do not use the device and contact the supplier. Install the charger in a protected place; do not install it:

- outdoors or in open sheds;
- in any damp or dusty place or in presence of acids;
- in any place with temperatures below 0 and above 40°C (32 and 104° F);
- in any place that is in any way unsuitable for electronic devices.

Do not obstruct the ventilation apertures and do not cover during operation.

POWER SUPPLY

Ascertain that the rating plate values are compatible with your mains power supply (mono-phase, voltage, frequency, power). Plug it into a tap that is equipped with protection that complies with standard regulations. If you have to use an extension cable, contact the manufacturer for correct technical information. The supply cable must be replaced only by qualified personnel.

GENERAL RECOMMENDATIONS

Do not let the battery run down completely. If recharged when only partially discharged, the battery will last longer and the rectifier will do a better job. Prevent oxidation of the battery contacts. Never disconnect the battery if the rectifier is supplying current as the break-off spark could ignite the gases produced by the battery. Keep the charging area ventilated.

MAINTENANCE

The rectifier does not require any maintenance. For cleaning the outside, use a damp cloth. Use manufacturer approved spare parts.

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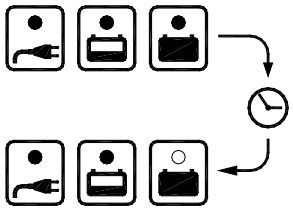
CHARGER USE

ACTION	LED	NOTES
1. CONNECT THE INPUT CABLE INTO THE NET PLUG		IF THE LED DOES'T LIGHT, CHECK THE MAIN POWER SUPPLY OR THE INTERNAL FUSE
2. CONNECT THE BATTERY PLUG		ALL THE LED LIT UP FOR 1 SECOND AND START THE CHARGING PHASE. IF DOES'T HAPPEND CHECK THE BATTERY (POLARITY, CONNECTIONS, VOLTAGE)
3. THE BATTERY IS CHARGING		DON'T DISCONNECT THE BATTERY IN THIS PHASE
4. AUTOMATICALLY STOP CHARGING		FULLY RECHARGED BATTERY . DISCONNECT THE INPUT CABLE, THE BATTERY PLUG AND AFTER USE THE VEHICLE. IF STAY ALL CONNECTED (ALSO FOR MANY DAYS) THE BATTERY CHARGER HOLD THE CHARGE
ALARM SIGNAL		ANOMALOUS BATTERY VOLTAGE OR INTERNAL OVERHEATING
ABSENCE OF MAIN POWER SUPPLY		CHECK MAIN POWER SUPPLY OR INTERNAL FUSE

○ LED OFF ● LED ON ✳ LED FLASHING

- IF CHARGING HAS TO BE INTERRUPTED, DISCONNECT THE INPUT CABLE AND AFTER THE BATTERY PLUG
- DON'T LEAVE THE INPUT CABLE CONNECTED AFTER DISCONNECTING THE BATTERY

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