

GB Instruction manual for automatic lead acid battery charger **ALCS 2-24 A**

Use of the charger

Automatic charger for sealed lead acid batteries 2 V up to 24 V with the capacity range from 2.4 Ah to 24 Ah.

Features

- For charging sealed lead acid batteries: 2V, 6V, 12V or 24V
- Automatic adjustment to the correct voltage of connected battery
- For all types of sealed lead acid batteries
- Protection against overload and short circuit by current limitation
- Protection against wrong polarity by polyswitch
- Charging with IU-curve
- Suitable for float charging
- Trickle charge approx 20mA

Display

LED red on: charging of the battery

LED red off: end of charging / trickle charging

LED green: after connecting the battery one of the 4 green LED's indicates the voltage of the connected battery. If no battery is connected the LED for 24 V will light.

Attention



Only for charging rechargeable lead acid batteries. Do not charge other types of batteries - Danger of explosion!

Commissioning

Connect the battery with the battery clips. Pay attention to the correct polarity. The black one with -, the red one with +. Plug the charger

into a convenient mains socket. If no battery is connected the green LED for 24 V will light. After connecting the battery, the charger switches automatically to the right voltage and the charging procedure will start. The red LED indicates charging. After charging the red charging LED switches off and the battery is provided with trickle charging. The battery is now fully charged and ready for use.

Warning



When charging lead acid cells, explosive gases can develop. Avoid open fire and sparks.

Tip

Do not carry out any cleaning if the charger is plugged in. Only use a dry cloth to clean the charger. Do not use the charger if the housing is damaged. Chargers that require repair must be sent to authorised service agents or dealers.

Caution

Keep your charger in a dry place (indoor use only). Never try to open the charger. Danger of fire and electric shock!

Specification

voltage of the battery	end of charging voltage	charging current
2 V	2.3 V	900 mA
6 V	5.9 V	700 mA
12 V	13.8 V	600 mA
24 V	27.6 V	300 mA