

ANSMANN®

ALCS 2-12/0.4



D GB CZ DK E F GR H I NL
P PL RO S SK SLO UA

GB Instruction Manual ALCS 2-12/0.4

SAFETY INSTRUCTIONS

- > Keep your charger in a dry place (indoor use only). There must be adequate ventilation - a window partly open for example.
- > Do not use the device if there are signs of any damage to the housing, mains plug or cables. Please contact an authorized dealer!
- > The charger should not be covered during use.
- > Use the device only as intended (according to the charger specifications and instructions).
- > In order to avoid the risk of fire and / or electrical shock, the charger must be protected against high humidity and water.
- > Do not use this charger near flammable gases or liquids at any time. Never attempt to open the charger.
- > Never charge a frozen or damaged battery.
- > Improper use of the battery charger may result in danger to the user.
- > Keep away from children! Children should be supervised to ensure that they do not play with the charger.
- > If the safety instructions are not followed, this may cause damage to the device or serious injury to the user.
- > For non-maintenance free batteries, please check the acid level and top-up if necessary.

WARNING

- > Charging lead acid batteries can generate explosive gases. Please ensure sufficient ventilation and avoid fire or naked flames and smoking. Due to emerging explosive gases it is important to ensure that the battery terminals are connected or disconnected when the charger is disconnected from the mains to avoid sparks.
- > Battery acid is corrosive. If battery acid gets in your eyes or on your skin, wash immediately with plenty of water and seek urgent medical attention.
- > Make sure that the battery terminals are contacted with the correct polarity (red to the positive pole terminal, black to the

negative pole terminal).

- > A Spark can arise if the charger is connected to the battery whilst connected to the mains. Please ensure it is disconnected from the mains before connecting or disconnecting the red and black charging leads to or from the battery.

OVERVIEW FUNCTIONS

- > Lead acid charger for 2V/6V/12V batteries.
- > Protection against short-circuit, wrong polarity and overcharge protection.
- > Charging with IU-curve
- > Suitable for float charging
- > Trickle charge with current adjustment

COMMISSIONING

1. Adjust secondary voltage

Adjust the right voltage on the charger with the provided adjusting spanner.

2. Connect the device to the mains supply

Insert the mains plug of the charger into the socket and switch on. The „POWER“ LED will lights green.

3. Connect charger to the battery with the correct polarity

First connect the charger to the battery to be charged. Connect the red pole terminal to the positive pole (+) of the battery, then the black pole terminal to the negative (-) pole of the battery. Make sure that the battery terminals are connected correctly. If the battery is installed in the vehicle and the battery terminals are not accessible, please consult the vehicle manual for advice.

If the clamps are accidentally attached to the poles the wrong way around, the “FAULT” LED lights red. Reconnect the terminals with the correct polarity immediately.

4. Battery is charged

After connecting the mains cord and the battery terminal the “POWER” LED and the “CHARGE” LED will lights green.

5. Battery fully charged

Once the battery is fully charged the “CHARGE” LED goes out and the “FULL” LED will lights green. Unplug the mains cord and afterwards remove the battery terminals of the battery, first the black

terminal (-) and then the red (+) terminal.

6. Trickle charge

Alternatively, the battery can be left connected for an extended period (e.g. for the winter). The charger detects any loss of capacity and recharges automatically.

SPECIFICATIONS

Input Voltage	100-240V AC / 50Hz - 60Hz
Protection class	II
Protection	IP20
Charge voltage	2V: 2,3V / 6V: 6,9V / 12V: 13,8V
Charging current	400mA
Battery capacity	1,2Ah - 40Ah

DISCLAIMERS

The information in this manual may be amended without notice. ANSMANN assumes no liability for any direct, indirect, incidental or consequential damages or any other damages caused by improper handling or disregard of the information contained in this manual.

WARRANTY INFORMATION

ANSMANN offers a 3 year warranty on this device. No guarantee will be given on damage to the charger due to non-compliance with these instructions.

Information subject to change without prior notice. ANSMANN assumes no liability for printing errors.

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