

4 Amp
6 / 12 V

ENG Battery charger

CZ Nabíječka baterií

SK Nabíjačka batérií



IP65

COMPASS

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item 07 146

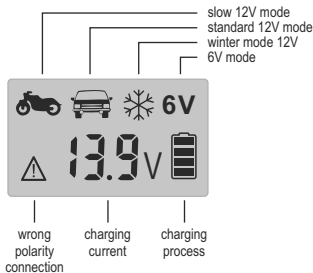
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OPERATING INSTRUCTIONS

An automatic charger designed to charge both normal and maintenance-free 6 V / 12 V starter batteries (lead-acid accumulators) as well as AGM / lead-acid (MF, VRLA) batteries used in cars.

The charger is controlled by a microprocessor which, when the accumulator is charged, switches the charger automatically into a charged mode where the microprocessor maintains targeted charging without overcharging or damaging the accumulator.

In order to ensure safe and proper use of the charger, this manual must be thoroughly studied before use.








Safety instructions

- Only intended for charging lead-acid accumulators.
- Always connect the accumulator first and then the charger into the 230V mains.
- Explosive gases – do not use open fire while handling.
- Provide adequate ventilation during charging.
- Do not smoke, drink or eat while charging.
- For indoor use only. Protect from moisture.
- Protect from children.
- Do not open the charger.
- Do not shorten cables.
- If the charger body or cable is damaged, the product cannot be used.
- Pay attention to the safety of use during use – risk of electric shock.
- When handling batteries, we recommend the use of protective glasses, gloves and protective clothing.
- In case of contact with the electrolyte, immediately wash the affected area with plenty of water, if necessary seek medical attention.
- Never short the pole terminals.
- Check the functionality of the device before each use.
- This device must not be used by persons (including children) with limited physical, sensory or psychic abilities or persons with a lack of experience in operating these devices or with a lack of necessary

knowledge. These persons can only use the device under the supervision of an experienced person, who ensure their safety or instruct them how to use the device. Ensure that children do not play with the device.

- The accumulator on the water (e.g. in a dinghy or a boat) must be dismantled and it is essential to charge it on land!
- Car batteries that have not been used for a long time may not work properly due to spontaneous discharge or sulphation. These batteries cannot be charged.
- The battery charger must not be used as a replacement for a power supply.
- When charging the battery, never start the vehicle engine. We recommend removing the battery from the vehicle before charging. Refer to the vehicle documentation for the procedure.
- This device is not designed for trade, craft or industrial use. We do not assume any warranty when this device is used in a such way.
- Please observe the operating instructions for the car, radio, navigation system, etc.
- One or more fuses are integrated into the charger. If the fuse is damaged, replace it with a new one with the same amount.

Instructions for charging:

- For batteries with cell closures, remove the cell closures and check out the status of the battery charging. If the electrolyte level is below the recommended level, add distilled water.
 - For batteries without cell closures, carefully follow the manufacturer's charging instructions.
 - Make sure that the vehicle's ignition is switched off (if the accumulator is connected in the vehicle).
 - Connect the charger, always follow these steps:
 - Insert the positive clamp of the charger (red) to the positive (+) terminal of the accumulator.
 - Connect the negative clamp of the charger (black) to the negative (-) terminal of the accumulator.
 - Plug the 230V plug into the mains.
 - The charger begins to analyze the car battery, it takes about 10 seconds.
 - The charger automatically detects if a 6V or 12V accumulator is connected.
 - When the 12V accumulator is connected, the MODE button allows you to select the charging modes.
-  • Slow charging mode – charging current 0.8A. Suitable for e.g. for 12V motorcycle accumulators.
 -  • Standard mode – charging current 4A. Suitable especially for auto mobile accumulators.
 -  • Winter mode – charging current 4A. Use this mode at temperatures below +5°C.
 -  • Poor polarity or short circuit indicator light - disconnect the charger from the socket and connect the battery correctly.
 -  • Indicates that the battery is charging.
 - When the accumulator is fully charged, charging is interrupted, and charger switches to maintenance mode where the microprocessor controls pulse charging to keep the accumulator in a charged state.

- Always disconnect the charger from the 230V mains and after then from the accumulator after charging.
- If you have opened the battery cell closures, you must close them again.

Warning:

Heavily discharged and damaged car batteries can not be charged by using this charger. If the 12V car battery voltage drops below 8V, the microprocessor in the charger will mark the battery as damaged and will not charge it!

If the 12V car battery voltage drops below an acceptable level, the charger can evaluate this car battery as 6V and will not charge it properly!

The manufacturer does not take responsibility for accidents or damages resulting from non-compliance with this manual.




Changes in text, design, and technical specifications could be changed without previous warning and we reserve the right to change them.

**Disposal and recycling**

Do not dispose power tools and devices into the household waste!

According to European Directive 2012/19 / EC on Waste Electrical and Electronic Equipment (WEEE) and in the enforcement of national law, used power tools must be collected separately and shipped to an appropriate recycling plant.

Technical data

Power input	230 V ~ 50Hz
Power	max 70W
Charging current	
mode 6V	7,3 V=; 0,8A eff.
mode 12V 	14,4V=; 0,8A eff.
mode 12V 	14,4V=; 4,0A eff.
mode 12V 	14,7V=; 4,0A eff.
For battery	12V 4 - 120 Ah
Operating temperature	- 20 °C ~ + 50 °C
Model	BT-Z4.2

Obsah je uzamčen

Dokončete, prosím, proces objednávky.

Následně budete mít přístup k celému dokumentu.



Proč je dokument uzamčen? Nahněvat Vás rozhodně nechceme. Jsou k tomu dva hlavní důvody:

- 1) Vytvořit a udržovat obsáhlou databázi návodů stojí nejen spoustu úsilí a času, ale i finanční prostředky. Dělali byste to Vy zadarmo? Ne*. Zakoupením této služby obdržíte úplný návod a podpoříte provoz a rozvoj našich stránek. Třeba se Vám to bude ještě někdy hodit.

**) Možná zpočátku ano. Ale vězte, že dotovat to dlouhodobě nelze. A rozhodně na tom nezbohatneme.*

- 2) Pak jsou tady „roboti“, kteří se přiživují na naší práci a „vysávají“ výsledky našeho úsilí pro svůj prospěch. Tímto krokem se jim to snažíme překazit.

A pokud nemáte zájem, respektujeme to. Urgujte svého prodejce. A když neuspějete, rádi Vás uvidíme!