

4 Amp
12 V

- ENG** Battery charger
CZ Nabíječka baterií
SK Nabíjačka batérií

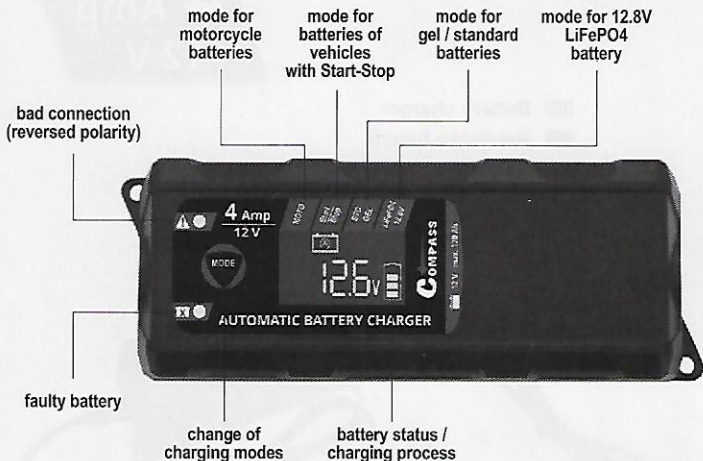


item 07 160

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Description of the device:

Fully automated microprocessor charger for 12V 1.2-120 Ah batteries filled with electrolyte (maintenance-free batteries, AGM, gel, but also lithium 12.8V LiFePO4 batteries and batteries used in vehicles with Start-Stop system). These are batteries used in cars, motorcycles, trucks, garden machines, boats, lawn mowers, tractors and other equipment. This charger can also be used to recharge traction batteries.

The built-in electronics ensure safe charging, where the charger is automatically switched to the optimal maintenance pulse mode when the battery is fully charged, thus increasing the life of the connected battery.

The charger can also be used as an orientation tester for the battery charge level.

Technical data:

power supply	230 V ~ 50Hz
power	max 60W
<u>charging voltage</u>	
MOTO mode	14.5V±; 1.0A eff.
Auto-Stop mode	14.7V±; 4.0A eff.
STD/GEL mode	14.5V±; 4.0A eff.
LiFePO4 mode	14.5V±; 4.0A eff.
for batteries	12V 1.2 - 120 Ah
operating temp.	- 20 °C ~ + 50 °C
efficiency	85%
protection	IP65
type	07 160

Instructions for use

In order to use the charger safely and correctly, it is necessary to read this manual carefully before use.

Safety instructions

- Intended for charging lead and LiFePO4 batteries.
- Ensure that the terminals are perfectly connected to the battery.
- First connect the (-) pole, then the (+) pole of the battery, then the charger to the 230V mains supply.
- Explosive gases - do not use open flame when handling.
- Provide good ventilation during charging.
- Do not smoke, drink or eat while charging battery.
- For indoor use only.
- Do not open the charger or shorten the cables.
- Never short-circuit the terminal clips (do not touch the clips together).
- If the charger body or cable is broken, the product cannot be used.
- Danger of electric shock by current - When using, pay attention to work safety.
- We recommend the use of goggles, gloves and protective clothing when handling car batteries.
- In case of contact with electrolyte, wash immediately with plenty of water and seek medical attention if necessary.
- Check the functionality of the device before each use.
- Protect the device from moisture.
- Keep the device out of reach of children.
- Make sure that children do not play with the appliance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and / or knowledge. These persons may use the device only under the supervision of an experienced person who will ensure their safety or provide them with instructions on how to use the device.
- The battery on the water (eg in a boat or on a ship) must be dismantled and it is essential to charge it on land!
- Car batteries not used for a long time may not work properly. These cannot be charged.
- The battery charger must not be used instead of the power supply. Never start the vehicle engine or perform any further maintenance while charging.
- We recommend that you remove the battery from the vehicle, before charging, according to car documentation.
- Depending on its purpose, this device is not designed for commercial, carshop or industrial use. We do not accept any liability if the device is used this way.

Preparing for charging

- Make sure the rechargeable battery is actually 12V.
- Always disconnect the battery (+) connector first.
- Clean the battery contacts, protect your eyes from dust.
- If your battery allows you to refill individual cells, top them up with distilled water only after the marking specified by the manufacturer. This ensures that excess gases are displaced from the individual cells.
- Follow the manufacturer's instructions when recharging an open-cell battery (for example, maintenance-free batteries).

Charger placement

- Place the charger as far away from the rechargeable battery as possible (as far as the wiring allows).
- Never place the charger directly on the battery (fumes will cause corrosion during charging and could seriously damage the charger).
- The battery electrolyte must never come into contact with, or splash, the charger.

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!