

Absaar 158000

ABSAAR Automatic Charger Evo 1.0 (Model 158000) Instruction Manual

Your guide to safe and efficient battery charging.

1. INTRODUCTION

Thank you for choosing the ABSAAR Automatic Charger Evo 1.0. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your battery charger. Please read this manual thoroughly before using the device and keep it for future reference.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury or damage to the charger or battery:

- This charger is designed for 6V and 12V lead-acid batteries (WET, MF, Ca/Ca, AGM, GEL). Do not use it for other battery types.
- Ensure proper ventilation during charging to prevent gas accumulation.
- Avoid sparks or open flames near the battery during charging.
- Wear eye protection and protective clothing when working with batteries.
- Keep out of reach of children.
- Do not expose the charger to rain or excessive moisture.
- Disconnect the AC power before connecting or disconnecting the battery clamps.
- The charger features multiple safety protections including low voltage, overvoltage, overcurrent, short circuit, and overheating protection. However, always operate with caution.
- Do not attempt to charge a frozen or damaged battery.

3. PRODUCT OVERVIEW

The ABSAAR Automatic Charger Evo 1.0 is an intelligent battery charger designed for ease of use and efficient charging. It features precise processor control for temperature and smart charging, requiring no complex adjustments.



Figure 1: ABSAAAR Automatic Charger Evo 1.0. This image shows the compact red and black charger unit with its attached charging cables and clamps.

Key features include:

- **Easy to Use:** Precise processor-controlled temperature and intelligent charging, no settings required.
- **Durable Material:** High-quality construction, anti-corrosion and anti-electric shock.
- **High Frequency Charging:** Ideal for powerful and fast charging.
- **Multiple Safety Protections:** Low voltage, overvoltage, overcurrent, short circuit, and overheating protection.

4. SETUP

1. Ensure the charger is disconnected from the AC power outlet.
2. Identify the battery terminals: positive (+) and negative (-).
3. Connect the red (+) clamp of the charger to the positive (+) terminal of the battery.
4. Connect the black (-) clamp of the charger to the negative (-) terminal of the battery. For vehicles, if connecting to the chassis, connect to a heavy gauge metal part of the chassis away from the battery and fuel line.
5. Ensure all connections are secure.

5. OPERATING INSTRUCTIONS

Once the charger is securely connected to the battery:

1. Plug the charger's AC power cord into a standard wall outlet (230V AC, 50Hz).
2. The charger will automatically detect the battery voltage (6V or 12V) and begin the charging process.
3. Monitor the charging indicator lights (if present on your model) to observe the charging status.
4. The charger will automatically switch to maintenance mode once the battery is fully charged, preventing overcharging.
5. To disconnect, first unplug the charger from the AC power outlet.
6. Then, disconnect the black (-) clamp from the battery (or chassis).
7. Finally, disconnect the red (+) clamp from the battery.

6. MAINTENANCE

- Keep the charger clean and dry. Wipe with a soft, damp cloth if necessary. Do not use solvents.

- Inspect cables and clamps for damage before each use. Do not use if cables are frayed or clamps are corroded.
- Store the charger in a cool, dry place when not in use.
- Ensure the charger's ventilation openings are clear of obstructions.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger not turning on.	No AC power; poor connection to battery; battery voltage too low.	Check wall outlet; ensure clamps are securely connected; battery may be too deeply discharged to be recognized (consult a professional).
Charging process is slow.	Battery is large; battery is deeply discharged; ambient temperature is low.	This is normal for large or deeply discharged batteries. Ensure charger is in a suitable environment.
Charger gets warm.	Normal operation during charging.	This is normal. Ensure adequate ventilation around the charger. If it becomes excessively hot or emits smoke, disconnect immediately.
Error indicator light is on.	Reverse polarity; short circuit; internal fault.	Check battery connections for correct polarity; inspect cables for damage. If problem persists, discontinue use and contact support.

8. SPECIFICATIONS

Model Number	158000
Brand	Absaar
Input Voltage	12 Volts (AC, typically 230V AC for EU market)
Output Voltage	6V / 12V DC (Automatic detection)
Output Current	1 Ampere (1A)
Color	Red/Black
International Article Code	04045365118553
Manufacturer	ABSAAR
ASIN	B075ZX9F8Q

Note: Specifications are subject to change without prior notice for product improvement.

9. WARRANTY AND SUPPORT

ABSAAR products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your purchase or visit the official ABSAAR website. In case of technical issues or questions not covered in this manual, please contact ABSAAR customer support or your retailer for assistance. Please retain your proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question