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> Absaar 12V 15A Battery Charger User Manual

Absaar 0635615

Absaar 12V 15A Battery Charger User Manual

Model: 0635615

INTRODUCTION

This manual provides detailed instructions for the safe and effective use of the Absaar 12V 15A Battery Charger, designed for charging 12V lead-acid batteries found in cars, small trucks, and RVs. This semi-professional charger offers both standard and fully automatic charging modes, including a maintenance charge function.



Figure 1: Absaar 12V 15A Battery Charger. This image shows the overall design of the charger, featuring a robust red metal casing and a

black front panel with controls and indicators.

SAFETY INSTRUCTIONS

Read all safety warnings and instructions before using this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Electrical Safety:** Ensure the charger is connected to a grounded outlet. Do not expose the charger to rain or wet conditions. Do not operate the charger with a damaged cord or plug.
- **Battery Safety:** Batteries can produce explosive gases. Ensure adequate ventilation when charging. Avoid open flames or sparks near the battery. Wear eye protection and gloves.
- **Polarity:** Always connect the positive (+) charger clamp to the positive (+) battery terminal and the negative (-) charger clamp to the negative (-) battery terminal. Incorrect polarity can damage the charger and battery.
- **Children and Pets:** Keep the charger and battery out of reach of children and pets.
- **Ventilation:** The charger is mounted in a metal casing with ventilation slots. Ensure these slots are not blocked during operation to prevent overheating.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Absaar 12V 15A Battery Charger Unit
- Battery Clamps (attached)
- User Manual

PRODUCT FEATURES

The Absaar 12V 15A Battery Charger includes the following key features:

- **12V Compatibility:** Designed for 12-volt lead-acid batteries.
- **15A Maximum Capacity:** Provides up to 15 Amperes of charging current.
- **Switchable Charge Modes:** Offers both standard and fast charging options.
- **Fully Automatic Charging:** Features a fully automatic mode with maintenance charge, eliminating the need for manual disconnection once charging is complete in this mode.
- **Integrated Battery Tester:** Allows for basic battery condition assessment.
- **LED Indicators:** Provides clear status updates for charging progress, full charge, and polarity errors.
- **Robust Construction:** Housed in a solid metal casing for durability.

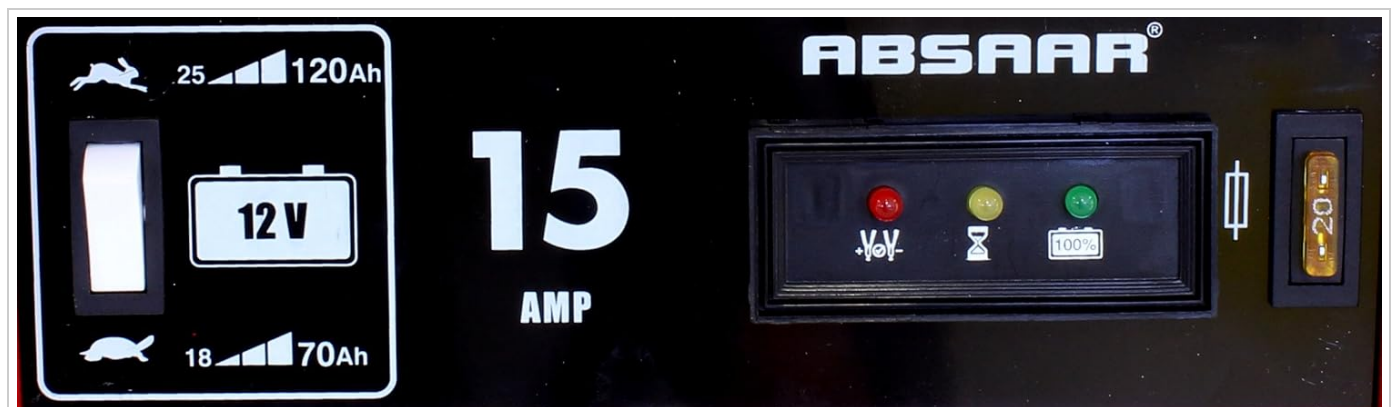


Figure 2: Front panel detail. This image highlights the 12V selector switch, 15 AMP rating, and the LED indicators for polarity, charging, and full charge.

SETUP

1. **Preparation:** Ensure the battery is clean and free of corrosion. If charging an automotive battery, ensure the vehicle's ignition is off and all accessories are disconnected.
2. **Ventilation:** Place the charger and battery in a well-ventilated area.
3. **Connect Battery Clamps:**
 - Connect the **red** positive (+) charger clamp to the positive (+) battery terminal.
 - Connect the **black** negative (-) charger clamp to the negative (-) battery terminal.
 - *Important:* Ensure a secure connection. If the polarity LED illuminates red, disconnect immediately and re-check connections.
4. **Connect to Power:** Plug the charger's power cord into a standard 230V AC grounded electrical outlet.

OPERATING INSTRUCTIONS

Once the charger is connected to the battery and power source:

1. **Select Charge Rate:** The charger features a switch to select the appropriate charge rate based on battery capacity.
 - **"Rabbit" (Fast Charge):** For batteries with higher capacity (e.g., 25-120Ah).
 - **"Turtle" (Standard/Slow Charge):** For batteries with lower capacity (e.g., 18-70Ah). This mode may require manual disconnection after charging.
2. **Monitor Charging Progress:** Observe the LED indicators on the front panel:
 - **Red LED (Polarity/Error):** Indicates incorrect connection or a fault. Disconnect immediately and check connections.
 - **Yellow LED (Charging in Progress):** Illuminates when the battery is actively charging.
 - **Green LED (Full Charge):** Illuminates when the battery is fully charged. In fully automatic mode, the charger will switch to maintenance charge. In standard mode, manual disconnection is required.
3. **Disconnection:**
 - First, unplug the charger from the AC power outlet.
 - Then, disconnect the black negative (-) charger clamp from the battery.
 - Finally, disconnect the red positive (+) charger clamp from the battery.

MAINTENANCE

- **Cleaning:** Disconnect the charger from power and battery before cleaning. Wipe the casing with a dry cloth. Do not use solvents or abrasive cleaners.
- **Storage:** Store the charger in a cool, dry place when not in use. Keep cables neatly coiled.
- **Fuse Replacement:** The charger is equipped with a replaceable fuse (20A). If the charger stops working, check the fuse located on the front panel. Replace only with a fuse of the same type and rating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger not turning on.	No power from outlet; Blown fuse; Damaged power cord.	Check outlet with another device; Replace fuse; Do not use if cord is damaged, contact support.
Red LED (Polarity/Error) is on.	Incorrect battery connection (reversed polarity); Severely discharged or faulty battery.	Disconnect and re-connect clamps correctly (+ to +, - to -); Have battery tested by a professional.
Battery not charging or charging slowly.	Poor connection; Battery too large for charger; Battery is faulty.	Ensure clamps are securely connected; Verify battery capacity is within charger's range; Have battery tested.

SPECIFICATIONS

Attribute	Value
Brand	Absaar
Model	15Amp 12V N/E LED LA3 (0635615)
Input Voltage	230V AC (Standard European Plug)
Output Voltage	12 Volts DC
Current Rating	15 Amperes
Battery Capacity Range	18Ah - 120Ah
Item Weight	3.18 Kilograms
Product Dimensions (L x W x H)	28 x 20 x 11 centimeters
Compliance	CE
International Article Code (EAN)	04002031150514

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact Absaar customer service through their official website. Keep your proof of purchase for warranty claims.

Manufacturer: Absaar

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