Stihl 01022353

Stihl AL300 Charger Instruction Manual

Model: 01022353

1. Introduction

1.1 Product Overview

The Stihl AL300 Charger is designed for rapid charging of STIHL Lithium-Ion batteries. It features an operating mode indicator and active battery cooling to optimize charging performance and battery longevity.



Image 1.1: Front view of the Stihl AL300 Charger, showing the charging slot and Stihl branding.

1.2 Key Features

- Quick charging capability for STIHL Lithium-Ion batteries.
- Integrated active battery cooling system.
- LED indicator for charging status.
- Compact and durable design.

2. Important Safety Instructions

WARNING: Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- This charger is for indoor use only. Do not expose to rain or wet conditions.
- Use only with STIHL Lithium-Ion batteries. Charging other types of batteries may cause personal injury and damage.
- Do not charge damaged batteries.
- Keep the charger away from heat sources and direct sunlight.
- Ensure adequate ventilation during charging. Do not cover the charger's ventilation slots.
- Always unplug the charger from the power outlet before cleaning or when not in use.
- Do not operate the charger if the cord or plug is damaged.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

3. Package Contents

Verify that all items are present in the package:

- Stihl AL300 Charger
- Instruction Manual (this document)

If any items are missing or damaged, please contact your authorized Stihl dealer.

4. Setup

4.1 Connecting the Charger

1. Place the charger on a stable, flat surface in a well-ventilated area.
2. Insert the power cord plug into a suitable electrical outlet (refer to specifications for voltage requirements).



Image 4.1: Rear view of the Stihl AL300 Charger, illustrating the power cord connection.

4.2 Preparing the Battery

Ensure your STIHL Lithium-Ion battery is clean and free from debris before inserting it into the charger.

5. Operating Instructions

5.1 Charging Process

1. With the charger plugged in, slide the STIHL Lithium-Ion battery into the charging slot until it clicks into place.
2. The charger's LED indicator will illuminate to show the charging status.
3. Once charging is complete, the LED indicator will change (refer to section 5.2).
4. Remove the battery by pressing the release button (if present on battery) and sliding it out of the charger.
5. Unplug the charger from the power outlet when not in use.



Image 5.1: Top view of the Stihl AL300 Charger, highlighting the battery charging slot and indicator symbols.

5.2 LED Indicator Meanings

The LED indicator on the charger provides information about the charging status:

LED Status	Meaning
Solid Green	Battery is charging.
Flashing Green	Battery is fully charged.
Solid Red	Error (e.g., battery too hot/cold, faulty battery). Remove battery and consult troubleshooting.
No Light	Charger is not plugged in, or no battery is inserted.

5.3 Approximate Charging Times

The Stihl AL300 Charger provides fast charging for various STIHL Lithium-Ion batteries:

- AP 100 battery: Approximately 50 minutes
- AP 200 battery: Approximately 55 minutes
- AP 300 battery: Approximately 75 minutes

Note: Charging times may vary based on battery charge level, ambient temperature, and battery condition.

6. Maintenance

6.1 Cleaning

- Always unplug the charger before cleaning.
- Use a soft, dry cloth to wipe the exterior of the charger.
- Do not use abrasive cleaners or solvents.
- Keep the ventilation slots free of dust and debris.

6.2 Storage

- Store the charger in a dry place, away from direct sunlight and extreme temperatures.
- Keep out of reach of children.

7. Troubleshooting

Refer to the table below for common issues and their solutions:

Problem	Possible Cause	Solution
Charger LED does not light up.	Charger not plugged in; Power outlet not working; Faulty charger.	Ensure charger is securely plugged into a working outlet. Test outlet with another device. If still no light, charger may be faulty.
LED is solid red.	Battery too hot/cold; Faulty battery; Charger malfunction.	Remove battery and allow it to reach room temperature. Reinsert battery. If error persists, try another battery. If issue continues with multiple batteries, charger may be faulty.
Battery not charging or charging slowly.	Poor connection; Battery issue; Charger issue.	Ensure battery is fully seated in the charger. Check battery for damage. Verify charger is clean and free of debris.

If the problem persists after attempting these solutions, please contact customer support.

8. Specifications

Feature	Detail
Model Number	01022353
Brand	Stihl
Product Dimensions	7.87 x 7.87 x 7.87 inches (7.87"D x 7.87"W x 7.87"H)
Item Weight	8.8 ounces (250 Grams)
Output Voltage	18 Volts
Color	Orange
Manufacturer	Stihl

9. Warranty and Support

9.1 Warranty Information

This Stihl AL300 Charger comes with a manufacturer's warranty. Please refer to the warranty card included with your purchase or visit the official Stihl website for detailed warranty terms and conditions.

9.2 Customer Support

For technical assistance, spare parts, or service, please contact your authorized Stihl dealer or visit the official Stihl website for contact information.

- Official Stihl Website: www.stihlusa.com (Example link, actual link may vary by region)

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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.

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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.

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