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Stihl 45204006500

Stihl AK 10 Battery User Manual

Model: 45204006500

Brand: Stihl

Compact lithium-ion battery for compact battery systems.

Introduction

This manual provides essential information for the safe and efficient use of your Stihl AK 10 lithium-ion battery. Please read this manual thoroughly before first use and keep it for future reference.

Safety Instructions

Always observe the following safety precautions to prevent injury and damage:

- Do not expose the battery to water or excessive moisture.
- Do not store the battery near heat sources or in direct sunlight.
- Use only Stihl approved chargers for charging.
- Do not attempt to open, modify, or repair the battery.
- Keep out of reach of children.
- Dispose of batteries responsibly according to local regulations.

Setup

Initial Charge

Before first use, fully charge the Stihl AK 10 battery using a compatible Stihl charger. The charge indicator lights on the battery will show the charging progress.



Figure 1: Stihl AK 10 battery with visible charge indicator lights.

Inserting the Battery

Align the battery with the battery compartment of your Stihl power tool. Push the battery firmly until it clicks into place. Ensure it is securely seated before operation.

Operating the Battery

Charge Indicator

The AK 10 battery features a charge indicator with four LEDs. Press the button next to the LEDs to check the current charge level.

- 4 LEDs lit: 75-100% charge
- 3 LEDs lit: 50-75% charge
- 2 LEDs lit: 25-50% charge
- 1 LED lit: 0-25% charge (recharge soon)
- 1 LED flashing: Battery almost empty or overheating



Figure 2: Side view of the Stihl AK 10 battery, showing ventilation and connection points.

Removing the Battery

To remove the battery, press the release button(s) on the power tool and slide the battery out of the compartment.

Maintenance

Cleaning

Clean the battery regularly with a soft, damp cloth. Do not use solvents or abrasive cleaners. Ensure the contacts are free from dirt and debris.

Storage

Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to store the battery with a charge level between 40% and 60%.



Figure 3: Bottom view of the Stihl AK 10 battery, highlighting the connection terminals.

Troubleshooting

Problem	Possible Cause	Solution
Battery not charging	Charger not connected; Battery too hot/cold; Faulty charger/battery	Check charger connection; Allow battery to reach room temperature; Contact Stihl service
Short operating time	Battery not fully charged; Battery nearing end of life	Fully charge battery; Consider battery replacement
Battery indicator flashing	Battery too hot/cold; Battery almost empty	Allow battery to cool down/warm up; Recharge battery

Technical Specifications

Model: AK 10

Part Number: 45204006500

Battery Type: Lithium-Ion

Nominal Voltage: 36 V

Capacity: 1.6 Ah

Energy Content: 59 Wh

Dimensions (L x W x H): 5.91 x 5.91 x 5.91 inches

Weight: 1.76 pounds

Recommended Use: Power Tool

Warranty Information

Stihl products are manufactured with high-quality materials and undergo strict quality control. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official Stihl website.

Customer Support

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

Note: Always provide the model number (45204006500) and serial number (if applicable) when contacting support.

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