

STIHL

STIHL AK 10, 20, 30

Safety Precautions



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1 Information on Safety Notices

1.1 Applicable Documentation

Local safety regulations apply.

- ▶ Read, understand and save the following documents in addition to these safety instructions:
 - Instruction manual for STIHL cordless product
 - Instruction manual for STIHL charger
 - Safety information for STIHL batteries and products with built-in batteries: www.stihl.com/safety-data-sheets

1.2 Symbols used with warnings in the text

WARNING

This symbol indicates dangers that can cause serious injuries or death.

- ▶ The measures indicated can avoid serious injuries or death.

NOTICE

This symbol indicates dangers that can cause damage to property.

- ▶ The measures indicated can avoid damage to property.

2 Explanatory Note

2.1 Manufacturer

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2.2 Symbols

Meanings of symbols that may be on the battery:



The data next to this symbol indicates the energy content of the battery according to the cell manufacturer's specification. The energy content available during operation is lower.



Do not dispose of the product with your household waste.

3 Safety Precautions

3.1 Warning Signs



Observe safety notices and take the necessary precautions.



Read, understand and save the instruction manual.



Protect battery from heat and fire.



Protect the battery from rain and damp – do not immerse it in fluids.



Observe battery's specified temperature range.

3.2 Intended Use

A STIHL AK battery supplies power to STIHL or VIKING cordless products.

The battery must not be used in the rain.

The battery is recharged with a STIHL AL 101, AL 300 or AL 500 charger.

⚠ WARNING

- Products and chargers not explicitly approved for the battery by STIHL may cause accidents, fires or explosions. This can result in serious or fatal injuries and damage to property.
 - ▶ Use a STIHL AK battery with a STIHL or VIKING cordless product.
 - ▶ Recharge the battery with a STIHL AL 101, AL 300 or AL 500 charger.
- Using the battery for purposes for which it is not designed may result in serious or fatal injuries and damage to property.
 - ▶ Use the battery as described in these safety instructions.

3.3 The Operator

⚠ WARNING

- Users without adequate training or instruction cannot recognize or assess the risks involved in using the battery. The user or other persons may sustain serious or fatal injuries.



- ▶ Read, understand and save the instruction manual.

- ▶ If the battery is passed on to another person: Give them the user information supplied with the battery.
- ▶ If you have any queries: Contact a STIHL servicing dealer for assistance.
- ▶ Make sure the user meets the following requirements:
 - The user must be rested.
 - The user must be in good physical condition and mental health to operate and work with the battery. If the user's physical, sensory or mental ability is restricted, he or she may work only under the supervision of or as instructed by a responsible person.
 - The user is able to recognize and assess the risks involved in using the battery.
 - The user must be of legal age or is being trained in a trade under supervision in accordance with national rules and regulations.
 - The user has received instruction from a STIHL servicing dealer or other experienced user before using the battery for the first time.
 - The user must not be under the influence of alcohol, medication or drugs.

3.4 Work Area and Surroundings

⚠ WARNING

- Bystanders, children and animals cannot recognize or assess the dangers of the battery. Bystanders, children and animals may be seriously injured.
 - ▶ Keep bystanders, children and animals away from the work area.
 - ▶ Do not leave the battery unattended.
 - ▶ Make sure that children cannot play with the battery.

- The battery is not protected against all ambient conditions. If the battery is exposed to certain ambient conditions, it may catch fire or explode. This can result in serious injuries and damage to property.



- ▶ Protect battery from heat and fire.
- ▶ Do not throw the battery into a fire.



- ▶ Use and store the battery at temperatures between -10°C and +50°C.



- ▶ Protect the battery from rain and damp – do not immerse it in fluids.

- ▶ Keep battery away from metallic objects.
- ▶ Do not expose battery to high pressure.
- ▶ Do not expose battery to microwaves.
- ▶ Protect battery from chemicals and salts.

3.5 Safe Condition

The battery is in a safe condition if the following points are observed:

- Battery is undamaged.
- Battery is clean and dry.
- Battery functions properly and has not been modified.

⚠ WARNING

- A battery that is not in a safe condition cannot operate safely. This can result in serious injuries.
 - ▶ Never work with a damaged battery.
 - ▶ Never attempt to charge a damaged or defective battery.

- ▶ If the battery is dirty or wet: Clean the battery and allow it to dry.
- ▶ Never attempt to modify the battery.
- ▶ Never insert objects in the battery's openings.
- ▶ Never bridge the battery's contacts with metallic objects (short circuit).
- ▶ Do not open the battery.
- Fluid may escape from a damaged battery. The fluid can cause irritation if it contacts the skin or eyes.
 - ▶ Avoid contact with the fluid.
 - ▶ In case of contact with the skin: Wash affected areas with plenty of water and soap.
 - ▶ In case of contact with the eyes: Rinse eyes with plenty of water for at least 15 minutes and seek medical advice.
- A damaged or defective battery may smell unusual, emit smoke or burn. This can result in serious or fatal injuries and damage to property.
 - ▶ If the battery smells unusual or emits smoke: Do not use the battery and keep it away from combustible substances.
 - ▶ If the battery catches fire: Attempt to extinguish the battery with a fire extinguisher or water.

3.6 Transporting

⚠ WARNING

- The battery is not protected against all ambient conditions. The battery may be damaged if it is exposed to certain ambient conditions and damage to property may occur.
 - ▶ Never transport a damaged battery.
 - ▶ Transport the battery in non-conductive packaging.

- The battery may turn over or shift during transport. This may result in personal injuries and damage to property.
 - ▶ Pack the battery in packaging in such a way that it cannot move.
 - ▶ Secure the packaging so that it cannot move.

3.7 Storing

⚠ WARNING

- Children are not aware of and cannot assess the dangers of the battery and can be seriously injured.
 - ▶ Store the battery out of the reach of children.
- The battery is not protected against all ambient conditions. The battery may be damaged if it is exposed to certain ambient conditions.
 - ▶ Store the battery in a clean and dry condition.
 - ▶ Store the battery in an enclosed location.
 - ▶ Store the battery separately from the cordless product and charger.
 - ▶ Store the battery in non-conductive packaging.
 - ▶ Store the battery at temperatures between -10°C and +50°C.

3.8 Cleaning, Maintenance and Repairs

⚠ WARNING

- Aggressive cleaning agents, cleaning with a jet of water or pointed objects can damage the battery. If the battery is not cleaned correctly, components may no longer function properly or safety devices may be rendered inoperative. This can result in serious injuries.
 - ▶ Clean the battery as described in the instruction manual supplied with the cordless product.
- If the battery is not serviced or repaired correctly, components may no longer function properly or safety devices may be rendered inoperative. This can result in serious or fatal injuries.
 - ▶ Do not attempt to service or repair the battery.
 - ▶ If the battery needs to be serviced or repaired: Contact a STIHL servicing dealer for assistance.

4 Specifications

4.1 STIHL AK Battery

- Battery technology: Lithium-ion
- Voltage: 36 V
- Capacity in Ah: see rating label
- Energy content in Wh: see rating label
- Weight in kg: see rating label
- Permissible temperature range for operation and storage: -10°C to +50°C

4.2 REACH

REACH is an EC regulation and stands for the Registration, Evaluation, Authorisation and Restriction of Chemical substances.

For information on compliance with the REACH regulation see www.stihl.com/reach.

5 Disposal

5.1 Disposing of Battery

Information on disposal is available from STIHL servicing dealers.

- ▶ Dispose of the battery and packaging in accordance with local regulations and environmental requirements.

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