

BLACK+DECKER LHT218C1

BLACK+DECKER 20V MAX Cordless Hedge Trimmer LHT218C1 User Manual

Model: LHT218C1

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1. INTRODUCTION

This manual provides essential information for the safe and effective use of your BLACK+DECKER 20V MAX 18-inch Cordless Hedge Trimmer (Model LHT218C1). This tool is designed for trimming hedges, bushes, and shrubs. Its lightweight and ergonomic design aims to reduce user fatigue and enhance control during operation. Please read all instructions carefully before use.

2. GENERAL SAFETY INFORMATION

WARNING: Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

- **Work Area Safety:** Keep the work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Keep children and bystanders away while operating a power tool.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection, such as safety glasses with side shields. Use hearing protection when operating for extended periods. Dress properly; avoid loose clothing or jewelry. Do not overreach. Maintain proper footing and balance at all times.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Store idle power tools out of the reach of children.

- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.
- **Service:** Have your power tool serviced by a qualified repair person using only identical replacement parts.

Specific Hedge Trimmer Safety Warnings:

- Keep all parts of the body away from the cutter blade. Do not attempt to remove cut material or hold material to be cut when blades are moving.
- Carry the hedge trimmer by the handle with the cutter blade stopped and taking care not to operate any power switch.
- Hold the power tool by insulated gripping surfaces only, because the cutter blade may contact hidden wiring or its own cord.

3. COMPONENTS AND PACKAGE CONTENTS

Your BLACK+DECKER 20V MAX Cordless Hedge Trimmer (LHT218C1) package includes the following:

- 1 x 20V MAX 18-inch Hedge Trimmer
- 1 x 20V MAX Lithium-Ion Battery
- 1 x Battery Charger
- 1 x Blade Sheath/Guard

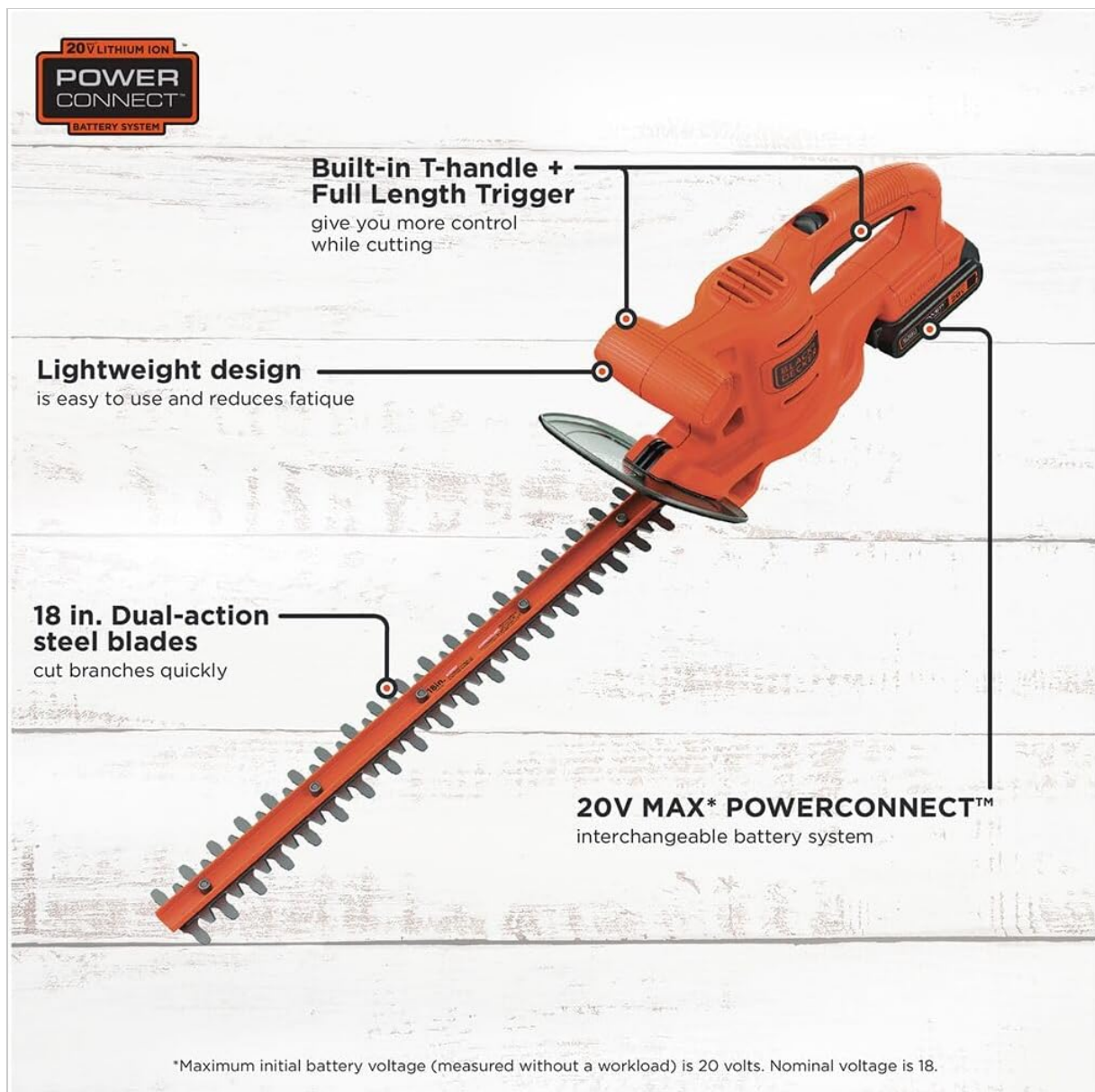


Image 1: Overview of the BLACK+DECKER 20V MAX Hedge Trimmer, highlighting its lightweight design, 18-inch dual-action steel blades, built-in T-handle, full-length trigger, and 20V MAX POWERCONNECT™ interchangeable battery system.

4. SETUP

4.1 Charging the Battery

1. Ensure the battery is fully charged before first use.
2. Insert the battery pack into the charger. The charging indicator light will illuminate.
3. Allow the battery to charge until the indicator light shows a full charge (refer to your charger's specific instructions for light patterns).
4. Once charged, remove the battery from the charger.

4.2 Attaching the Blade Sheath/Guard

1. Before attaching the battery, ensure the blade sheath is securely in place over the blades for safety during handling.
2. To remove for use, slide the blade sheath off the blades.

4.3 Inserting the Battery

1. Align the charged battery pack with the battery port on the hedge trimmer handle.
2. Slide the battery into the tool until it clicks securely into place. Ensure it is fully seated to prevent accidental disconnection during operation.

5. OPERATING INSTRUCTIONS

5.1 Starting and Stopping the Trimmer

1. To start the trimmer, depress the lock-off button (usually located on the side of the handle) and then squeeze the full-length trigger. The lock-off button can be released once the trigger is engaged.
2. To stop the trimmer, release the trigger. The blades will cease movement.

5.2 Trimming Techniques

The 18-inch dual-action hardened steel blade allows for efficient and smooth trimming with reduced vibration. The trimmer can cut branches up to 5/8 inch in diameter.

- **General Trimming:** Hold the trimmer with both hands, ensuring a firm grip on the T-handle and the main handle. Maintain a comfortable and balanced stance.
- **Horizontal Cuts:** For flat-top hedges, hold the trimmer level and sweep it across the top of the hedge in a smooth, even motion.
- **Vertical Cuts:** For side trimming, hold the trimmer vertically and sweep it upwards or downwards along the side of the hedge.
- **Branch Capacity:** Do not attempt to cut branches exceeding 5/8 inch in diameter. For thicker branches, use appropriate pruning tools.



Quick + Precise Cuts

Dual-action blades with 5/8 in. cut capacity trim branches quickly

Image 2: A user demonstrating quick and precise cuts on a hedge with the BLACK+DECKER trimmer, highlighting the dual-action blades' efficiency.



Lightweight Design

Compact size makes it easy to use with less fatigue

Image 3: A user operating the lightweight hedge trimmer, illustrating its compact size and ease of use for reduced fatigue during trimming tasks.



Cut with More Control

Built-in T-handle and full-length trigger helps give you additional control while cutting

Image 4: A close-up view of a user's hands on the built-in T-handle and full-length trigger, emphasizing the enhanced control provided by the trimmer's design.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your hedge trimmer.

6.1 Blade Care

- **Cleaning:** After each use, disconnect the battery and carefully clean the blades with a stiff brush to remove sap, leaves, and debris.
- **Lubrication:** Apply a light machine oil or blade lubricant to the blades after cleaning to prevent rust and ensure smooth operation.
- **Sharpening:** If the blades become dull, they can be sharpened by a qualified service center or replaced. Refer to the service section for assistance.

6.2 Battery and Charger Care

- Store batteries in a cool, dry place away from direct sunlight and moisture.
- Do not store batteries in a discharged state for extended periods. Recharge them periodically.
- Keep the charger clean and free from debris.

6.3 Storage

- Always attach the blade sheath/guard before storing the trimmer.
- Store the hedge trimmer in a dry, secure location out of reach of children.
- Remove the battery pack from the tool before storage.

7. TROUBLESHOOTING

If you encounter issues with your hedge trimmer, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Trimmer does not start.	Battery not inserted correctly.	Ensure battery is fully seated and clicks into place.
	Battery is discharged.	Recharge the battery.
	Lock-off button not engaged before trigger.	Press the lock-off button, then squeeze the trigger.
Poor cutting performance.	Blades are dull or dirty.	Clean and lubricate blades. Sharpen or replace if necessary.
	Attempting to cut branches too thick.	Only cut branches up to 5/8 inch in diameter. Use pruning shears for thicker material.
Excessive vibration.	Blades are damaged or bent.	Inspect blades for damage. If damaged, replace or seek professional service.

If the problem persists after attempting these solutions, please contact BLACK+DECKER customer service.

8. SPECIFICATIONS

Feature	Detail
Brand	BLACK+DECKER
Model Number	LHT218C1
Power Source	Battery Powered (20V MAX Lithium-Ion)
Blade Length	18 Inches
Cutting Capacity	Up to 5/8 inch diameter
Item Weight	4.3 Pounds
Blade Material	High Carbon Steel
Included Components	Hedge Trimmer, 20V MAX Battery, Charger

9. WARRANTY AND SUPPORT

9.1 Manufacturer's Warranty

This BLACK+DECKER hedge trimmer is covered by a **2-year limited warranty**. This warranty covers defects in material or workmanship. Additionally, a **30-day money-back guarantee** is offered. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, warranty claims, or to order replacement parts, please contact BLACK+DECKER customer service. Refer to the official BLACK+DECKER website or your product packaging for the most current contact information.