

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [LITHELi](#) /
- › [Litheli 20V Cordless Hedge Trimmer E1-HTBC-new Instruction Manual](#)

LITHELi E1-HTBC-new

Litheli 20V Cordless Hedge Trimmer (Model E1-HTBC-new) Instruction Manual

INTRODUCTION

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your Litheli 20V Cordless Hedge Trimmer, Model E1-HTBC-new. Please read these instructions thoroughly before using the tool to ensure proper handling and to prevent injury or damage.

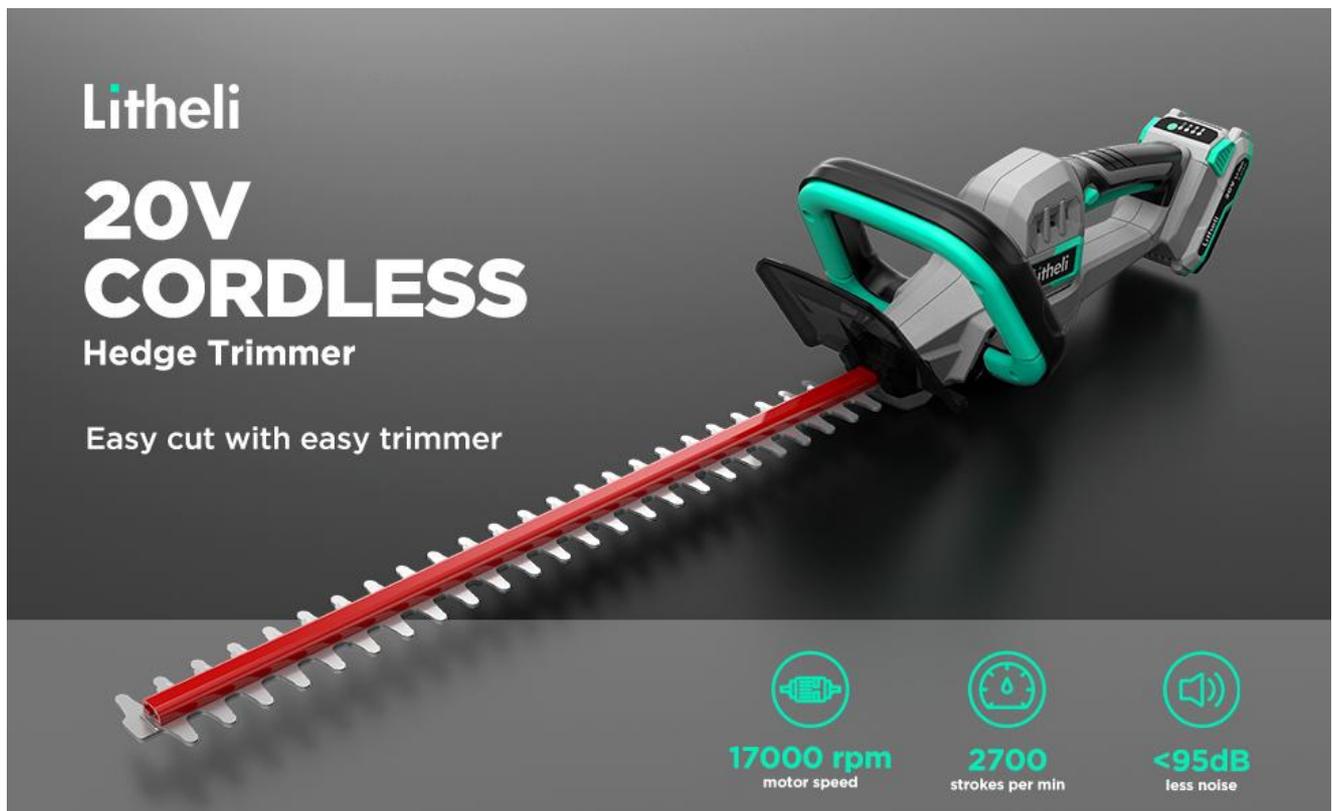


Image: The Litheli 20V Cordless Hedge Trimmer, highlighting its 17000 rpm motor speed, 2700 strokes per minute, and less than 95dB noise level.

SAFETY INFORMATION

Always follow basic safety precautions when using electric tools to reduce the risk of fire, electric shock, and

personal injury.

- **Read All Instructions:** Familiarize yourself with the controls and proper use of the tool.
- **Wear Eye Protection:** Always wear safety glasses or goggles to protect your eyes from debris.
- **Wear Gloves:** Use heavy-duty work gloves to protect hands from blades and thorns.
- **Secure Hair and Clothing:** Keep long hair tied back and avoid loose clothing that could get caught in moving parts.
- **Maintain a Firm Grip:** Always hold the trimmer firmly with both hands during operation.
- **Keep Clear of Blades:** Never touch the blades while the tool is running or connected to the battery.
- **Instant Stop Feature:** The trimmer is equipped with a 1-second instant stop feature upon releasing the trigger, significantly reducing injury risk.
- **Dual-Brake System:** A dual-brake system ensures safe starting for each use.
- **Inspect Before Use:** Check the trimmer for any damaged parts, loose fasteners, or misaligned moving parts before each use.
- **Clear Work Area:** Ensure the work area is free of obstacles, children, and pets.



Image: Illustration of the dual brake safety protection system on the hedge trimmer.

PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- Litheli 20V Cordless Hedge Trimmer (Model E1-HTBC-new)
- 2.0Ah Li-ion Battery
- Battery Charger
- Blade Cover
- Instruction Manual

PRODUCT FEATURES

- **Blade Design:** Features 20-inch dual-action, anti-rust blades made from 65Mn steel using laser-cutting technology. These blades maintain sharpness for extended periods and can cut branches up to 5/8 inch thick.
- **Power and Efficiency:** The 2.0Ah high-energy-density Li-ion battery provides up to 25 minutes of efficient cutting on a full charge. The blades operate at 2700 strokes per minute, cutting twice with each forward and backward motion.
- **Lightweight and Quiet Operation:** Weighing approximately 4.6 lbs, the trimmer is designed for comfortable

use during prolonged tasks. It operates with a noise level of less than 95dB.

- **Ergonomic Handling:** The D-shaped front handle and rear handle allow for adjustable grip, facilitating cutting at various angles.
- **Reduced Vibration:** Engineered for 20% less vibration during operation, enhancing user comfort and control.



Image: The hedge trimmer's 20-inch blade effectively cutting through a branch up to 5/8 inch thick.



Image: A detailed view of the hardened steel, dual-action, anti-rust, laser-cut blade.

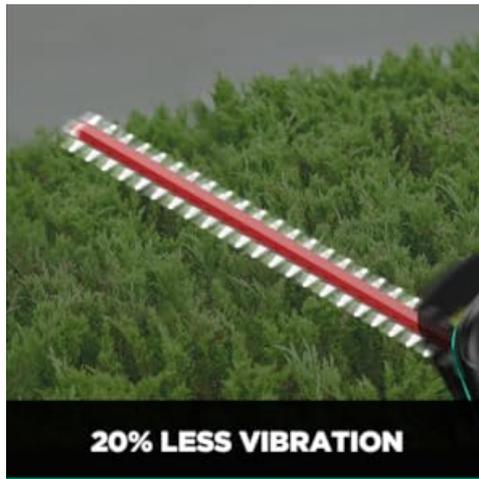


Image: The hedge trimmer with its battery, illustrating the maximum 25 minutes of smooth cutting time.



Image: The hedge trimmer blade in operation, demonstrating 20% less vibration.

SETUP

The Litheli 20V Cordless Hedge Trimmer requires no assembly and is ready for use after battery installation and charging.



Image: The hedge trimmer with its blade cover, emphasizing that no assembly is required.

1. Charging the Battery

1. Connect the charger to a standard power outlet.
2. Slide the 2.0Ah Li-ion battery onto the charger until it clicks into place.
3. Allow the battery to charge fully. The charger's indicator lights will show the charging status.
4. Once fully charged, remove the battery from the charger.



Image: Litheli 20V batteries (2.0Ah and 4.0Ah) and charger, illustrating the 1-hour quick charge capability and built-in protections against short-circuit, overheating, and overcharge.

2. Installing the Battery

1. Ensure the trimmer is off and the blade cover is in place.
2. Align the battery with the battery port on the trimmer handle.
3. Slide the battery into the port until it locks securely.

OPERATING INSTRUCTIONS

1. Starting the Trimmer (3-Step Start)

To start the hedge trimmer, follow these steps:

1. **Safety Switch:** Depress the safety switch located on the front handle.
2. **Lock-Off Button:** Press and hold the lock-off button.
3. **Trigger:** Squeeze the trigger to activate the blades.

The trimmer will stop instantly when the trigger is released.



Image: A diagram illustrating the three-step starting procedure for the hedge trimmer, involving the safety switch, lock-off button, and trigger.

2. Proper Grip and Handling

Hold the trimmer firmly with both hands. Adjust your grip on the D-shaped front handle and the rear handle to achieve the most comfortable and controlled angle for trimming.



MAX 25MIN SMOOTH CUT

Image: A user demonstrating the proper two-hand grip on the hedge trimmer, utilizing the D-shaped front handle for control.

3. Trimming Techniques

- **General Trimming:** Move the trimmer in a smooth, sweeping motion across the hedge or bush.
- **Thick Branches:** The trimmer is designed to handle branches up to 5/8 inch thick. For thicker branches, make several passes or use a pruning saw.
- **Shaping:** For precise shaping, work slowly and steadily, removing small amounts of foliage at a time.

MAINTENANCE

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

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.

- **Storage:** Always replace the blade cover before storing the trimmer to protect the blades and prevent accidental injury.

2. Battery Care

- **Charging:** Always charge the battery in a well-ventilated area.
- **Long-Term Storage:** If the battery will not be used for an extended period, charge it once per month to maintain its service life.
- **Storage Conditions:** Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.

3. General Storage

- Store the trimmer in a dry, secure location out of reach of children.
- Utilize the two hang holes at the tip and bottom of the tool for convenient storage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Trimmer does not start	Battery not installed correctly or not charged. Safety switch/lock-off button not engaged.	Ensure battery is fully charged and securely installed. Follow the 3-step start procedure (safety switch, lock-off button, trigger).
Reduced cutting performance	Blades are dull or dirty. Overgrown material.	Clean and lubricate blades. For dull blades, consider professional sharpening or replacement. Avoid forcing the trimmer through excessively thick material.
Excessive vibration	Damaged or bent blade. Loose components.	Inspect blades for damage. Ensure all fasteners are tight. If vibration persists, discontinue use and contact support.
Battery not charging	Charger not plugged in. Faulty battery or charger.	Check power connection. Ensure battery is properly seated in the charger. If issues persist, contact support.

SPECIFICATIONS

Feature	Specification
Brand	LiTHELi
Model Number	E1-HTBC-new
Power Source	Battery Powered (20V Li-ion)
Blade Length	20 Inches
Cutting Capacity	5/8 Inches
Blade Material	Manganese Steel
Strokes Per Minute	2700 SPM

Feature	Specification
Item Weight	9.5 Pounds
Product Dimensions	38"L x 8.7"W x 7.7"H
UPC	740907586510

WARRANTY AND SUPPORT

Warranty Information

Litheli offers a **3-year warranty** for the tool and a **1-year warranty** for the battery and charger. Please retain your proof of purchase for warranty claims.

Customer Support

If you have any concerns, questions, or require assistance with your Litheli 20V Cordless Hedge Trimmer, please contact Litheli customer support. We aim to respond to all inquiries within 24 hours.

For support, please visit the official Litheli website or refer to the contact information provided with your product packaging.