LiTHELi U20 Handy+ (EGT010172)

Litheli Cordless Lawn Mower U20 Handy+ User Manual

Model: U20 Handy+ (EGT010172)
Brand: LiTHELi

1. Introduction

Thank you for choosing the Litheli Cordless Lawn Mower U20 Handy+. This electric lawn mower is designed for efficient and convenient lawn care, featuring a 13-inch cutting width, 5 height adjustments, and a portable 4.0Ah battery that can also function as a power bank. Please read this manual thoroughly before operation to ensure safe and optimal performance of your new lawn mower.

2. Safety Information

Always prioritize safety when operating power tools. Failure to follow these instructions may result in serious injury or property damage.

- Read all instructions carefully before use.
- Wear appropriate personal protective equipment (PPE), including safety glasses, sturdy footwear, and hearing protection.
- Keep children, pets, and bystanders away from the operating area.
- Inspect the area for debris (rocks, sticks, wires) before mowing.
- Do not operate the mower in wet conditions or on steep slopes where you cannot maintain stable footing.
- Ensure the battery is fully charged before each use.
- Disconnect the battery before performing any maintenance, cleaning, or when storing the mower.
- Never attempt to clear the discharge chute or remove debris from the blade area while the mower is running.
- Store the mower and battery in a cool, dry place, away from direct sunlight and extreme temperatures.

3. Package Contents

Verify that all items are present in your package:

- 1 x Litheli Cordless Lawn Mower (U20 Handy+)

- 1 x Litheli 4.0Ah Rechargeable Lithium-Ion Battery (20,000mAh)
- 1 x Matching Charging Cable
- 1 x Grass Collection Bag (8-gallon capacity)
- 1 x Product Instruction Manual (this document)



Figure 3.1: Litheli Cordless Lawn Mower U20 Handy+ with included battery.

4. Assembly

Follow these steps to assemble your Litheli Cordless Lawn Mower:

1. **Unpack Components:** Carefully remove all components from the packaging.
2. **Attach Handle:** Unfold the handle and secure it in place using the provided fasteners. Ensure the handle is firmly locked to prevent movement during operation.
3. **Assemble Grass Bag:** If the grass bag is not pre-assembled, follow the instructions provided with the bag to connect the frame and fabric.
4. **Attach Grass Bag:** Lift the rear discharge flap and hook the grass collection bag onto the mower's frame. Ensure it

is securely attached to prevent clippings from escaping.

Your browser does not support the video tag.

Video 4.1: U20 Handy+ Lawn Mower Unboxing and initial assembly. This video demonstrates the unboxing process and how to set up the mower for first use.

5. Setup

5.1 Battery Charging

Before first use, fully charge the 4.0Ah Lithium-Ion battery. The battery can also serve as a power bank for other devices.

- Connect the charging cable to the battery's Type-C port.
- Plug the other end of the charging cable into a suitable power adapter (not included, 45W or 65W recommended for faster charging).
- The battery indicator lights will show charging progress. A full charge typically takes about 120 minutes.



Figure 5.1: The 20,000 mAh battery can be used as a power bank for various electronic devices.

5.2 Height Adjustment

The mower offers 5 cutting height adjustments, from 1 inch to 2.5 inches. Adjust the height according to your lawn's needs and grass type.

1. Ensure the mower is turned off and the battery is removed before adjusting the height.
2. Locate the height adjustment lever on the side of the mower.
3. Pull the lever outwards and move it to the desired height setting. Release the lever to lock it into position.
4. Ensure all wheels are set to the same height for an even cut.



Figure 5.2: The 5-position height adjustment allows for precise cutting length from 1 inch to 2.5 inches.

6. Operating Instructions

6.1 Starting the Mower

To start the Litheli Cordless Lawn Mower:

1. Insert the fully charged battery into the battery compartment.
2. Press and hold the safety button located on the handle.
3. While holding the safety button, pull the bail switch lever towards the handle. The motor will start.
4. Release the safety button once the motor is running. The mower will stop when the bail switch lever is released.

Your browser does not support the video tag.

Video 6.1: Litheli U20 Handy+ Lawn Mower in operation, demonstrating its ease of use and maneuverability.

6.2 Mowing Tips

- For best results, mow dry grass. Wet grass can clog the mower and lead to an uneven cut.
- Overlap cutting paths slightly to ensure complete coverage.
- Avoid cutting more than one-third of the grass blade length at a time. If the grass is very tall, make multiple passes, gradually lowering the cutting height.
- The 13-inch cutting width is ideal for small to medium-sized lawns, covering up to 1,300 sq. ft. on a single charge.
- The high-performance motor provides 3400 RPM for efficient cutting.



Figure 6.2: The 13-inch cutting width allows for efficient lawn care.



Figure 6.3: The mower can cover up to 1300 sq. ft. with an operating time of approximately 15 minutes on a single charge, and a charging time of 120 minutes.

7. Maintenance

Regular maintenance ensures the longevity and optimal performance of your lawn mower.

7.1 Cleaning

- Always remove the battery before cleaning.
- Use a brush or cloth to remove grass clippings from the mower deck, wheels, and grass bag.
- Do not use water directly on the motor or electrical components.
- Empty the 8-gallon grass bag regularly to maintain collection efficiency.



Figure 7.1: The 8-gallon grass bag helps keep your lawn clean by collecting clippings.

7.2 Blade Care

- The mower features a durable manganese steel blade.
- Periodically inspect the blade for sharpness and damage. A dull or damaged blade can lead to poor cutting performance and strain the motor.
- If the blade is dull, it can be sharpened by a qualified professional. If it is bent or cracked, it must be replaced.
- Always wear heavy-duty gloves when handling the blade.



Figure 7.2: The high-strength manganese steel blade ensures efficient and clean cuts.

7.3 Storage

- Clean the mower thoroughly before storing.
- Remove the battery from the mower for long-term storage. Store the battery in a cool, dry place.
- The folding handle allows for compact storage, saving space in garages or sheds.



Figure 7.3: The folding handle design reduces the mower's footprint for convenient storage.

8. Troubleshooting

If you encounter issues with your Litheli Cordless Lawn Mower, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Mower does not start.	Battery not inserted correctly or not charged. Safety button/bail switch not engaged.	Ensure battery is fully charged and properly inserted. Press safety button and pull bail switch simultaneously.
Mower stops during operation.	Battery depleted. Overload protection activated (e.g., very thick grass).	Recharge or replace battery. Raise cutting height or reduce mowing speed in dense areas.
Uneven cutting.	Cutting height not set evenly. Dull or damaged blade.	Ensure all wheels are set to the same height. Inspect and sharpen or replace the blade.

Problem	Possible Cause	Solution
Excessive vibration.	Damaged or unbalanced blade. Debris caught in blade area.	Remove battery, clear any debris. Inspect blade for damage; replace if necessary.
Grass bag not collecting clippings effectively.	Grass bag full. Discharge chute clogged. Mowing wet grass.	Empty grass bag. Clear any blockages in the chute (with battery removed). Mow only dry grass.

9. Specifications

Feature	Detail
Brand	LiTHELi
Model Number	EGT010172
Power Source	Battery Powered (20V)
Battery Capacity	4.0Ah (20,000mAh) Lithium-Ion
Cutting Width	13 Inches
Height Adjustments	5 Positions (1 Inch to 2.5 Inches)
Motor Speed	3400 RPM
Grass Bag Capacity	8 Gallons
Item Weight	30.9 pounds (approx. 14.06 kg)
Product Dimensions	38"D x 15.96"W x 50"H (Unfolded)
Material	Plastic (body), Manganese Steel (blade)
UPC	740907585582



Figure 9.1: The high-performance motor ensures efficient and quiet operation with low maintenance.

10. Warranty and Support

Litheli offers comprehensive warranty coverage for your product:

- **Whole Machine Warranty:** 3 years
- **Battery Warranty:** 2 years

If you encounter any problems with your product or require technical assistance, please contact Litheli customer support. They aim to reply within 24 hours.
For more information and support, visit the official Litheli store:Litheli Store on Amazon

Ask a question about this manual

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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.

Submit question

Answered questions about this manual

Why is my LiTHELi U20 Handy+ (EGT010172) lawn mower making a high-pitched sound while running?

A high-pitched sound from your LiTHELi U20 Handy+ (EGT010172) often indicates mechanical strain or an issue with the rotating components. Since you have already cleared the undercarriage and checked battery connections, please follow these...

Read full answer