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› Litheli Electric Cordless Lawn Mower (16.5-inch) Instruction Manual, Model U20LM03-4A220

LiTHELi U20LM03-4A220

Litheli Electric Cordless Lawn Mower (16.5-inch) Instruction Manual

Model: U20LM03-4A220

INTRODUCTION

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your Litheli Electric Cordless Lawn Mower. Please read this manual thoroughly before first use and keep it for future reference.

SAFETY INFORMATION

Always adhere to the following safety guidelines to prevent injury and ensure proper operation:

- Always wear appropriate personal protective equipment, including eye protection and sturdy footwear, when operating the lawn mower.
- Ensure the work area is clear of debris, rocks, and other objects that could be thrown by the blades.
- Keep children and pets away from the mowing area.
- Never operate the mower in wet conditions or on steep slopes where you might lose footing.
- Disconnect the battery before performing any maintenance, cleaning, or when clearing blockages.
- Do not modify the lawn mower or its components. Use only genuine Litheli replacement parts.
- Store the lawn mower and batteries in a dry, secure location, out of reach of children.

PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- Litheli Cordless Lawn Mower (16.5-inch cutting deck)
- 2 x 5.0Ah Lithium-ion Batteries
- Smart Charger
- Grass Collection Bag (13-gallon)
- Mulching Plug
- Instruction Manual



Image: The Litheli cordless lawn mower, two 5.0Ah batteries, and a smart charger are included in the package.

SETUP

1. Handle Assembly

The lawn mower features a collapsible Z-fold handle. Unfold the handle and secure it in place according to the instructions provided in the quick start guide. Ensure all locking mechanisms are engaged.



Image: Illustration showing the folding handle mechanism for compact storage.

2. Battery Charging and Installation

Fully charge both 5.0Ah lithium-ion batteries before first use. Insert the batteries into the designated slots on the mower until they click into place.



Image: A Litheli 5.0Ah battery connected to a charger, indicating the charging process.

3. Grass Bag or Mulching Plug Installation

Choose between the grass collection bag for bagging clippings or the mulching plug for mulching.

For Bagging:

Attach the 13-gallon grass collection bag to the rear discharge chute. Ensure it is securely fastened.

For Mulching:

Insert the mulching plug into the rear discharge opening to block the chute and allow clippings to be finely cut and returned to the lawn.



Image: A split image showing the lawn mower with the grass bag attached for bagging and a hand inserting the mulching plug for mulching.

OPERATING INSTRUCTIONS

1. Starting the Mower

To start the mower, press and hold the safety button, then pull the bail lever towards the handle. Release the safety button once the motor starts.

2. Adjusting Cutting Height

The mower features a 1-lever, 6-position cutting height adjustment.

1. Ensure the mower is turned off and the battery is removed for safety.
2. Locate the single height adjustment lever on the side of the mower.
3. Move the lever to select one of the six cutting height positions, ranging from 0.98 inches (25mm) to 2.95 inches (75mm).
4. A higher setting is recommended for taller grass or the first cut of the season.

6 POSITION HEIGHT ADJUSTMENT



Image: Close-up of the lawn mower showing the single lever for 6-position cutting height adjustment, with measurements from 0.98" to 2.95".

3. Mowing Techniques

For optimal results, mow in overlapping rows. Avoid cutting more than one-third of the grass blade length at a time. If the grass is very tall, consider raising the cutting height for the first pass and then lowering it for a second pass.

Your browser does not support the video tag.

Video: An official Litheli video demonstrating the cordless lawnmower in operation, showing its ease of use and effectiveness on various lawn types.

MAINTENANCE

1. Cleaning

After each use, disconnect the battery and clean the underside of the mower deck to prevent grass buildup. Use a brush or cloth; avoid using water directly on electrical components.

2. Blade Care

Regularly inspect the cutting blade for sharpness and damage. A dull or damaged blade can lead to an uneven cut and strain the motor. Replace the blade if necessary.



Image: A detailed view of the manganese steel blade, highlighting its durability and the brushless motor.

3. Battery Storage

Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures. For long-term storage, charge batteries to approximately 50% capacity.

4. Mower Storage

The Z-fold handle allows for compact storage. Fold the handle down and store the mower in an upright position or under a workbench to save space.



Image: The Litheli lawn mower shown in its folded configuration, demonstrating its space-saving design.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Mower does not start	Battery not inserted correctly or discharged; Safety button/bail lever not engaged.	Ensure batteries are fully charged and properly seated. Engage safety button and pull bail lever simultaneously.
Uneven cut	Dull or damaged blade; Incorrect cutting height for grass type.	Inspect and replace blade if necessary. Adjust cutting height.

Problem	Possible Cause	Solution
Mower stops during operation	Overload (grass too thick); Battery discharged; Debris caught in blade.	Raise cutting height or reduce mowing speed. Recharge batteries. Clear any obstructions (with battery removed).
Excessive vibration	Damaged or unbalanced blade.	Inspect blade for damage. Replace if bent or broken.

SPECIFICATIONS

Feature	Detail
Model Number	U20LM03-4A220
Power Source	Battery Powered (2 x 5.0Ah Lithium-ion)
Motor Type	Brushless
Cutting Width	16.5 inches
Cutting Height Adjustment	6 positions (0.98" to 2.95")
Grass Bag Capacity	13 gallons
Functions	2-in-1 Mulching & Bagging
Product Dimensions	28.2"D x 17.4"W x 14.1"H
Weight	Approximately 32 lbs (without batteries)
Battery Run Time	Up to 40 minutes (with 2x5.0Ah batteries)
Recommended Lawn Size	Up to 3,200 sq. ft. (approx. 0.07 acres)



Image: An aerial view illustrating the mower's coverage of up to 0.15 acre on a single charge and up to 60 minutes run time with two batteries.

WARRANTY AND SUPPORT

Warranty Information

The Litheli Electric Cordless Lawn Mower (Model U20LM03-4A220) comes with a **3-year limited warranty** for the tool and a **1-year limited warranty** for the batteries. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.



Image: Graphic detailing the warranty coverage: 3 years for the tool and 1 year for the battery.

Customer Support

For technical assistance, warranty claims, or general inquiries, please contact Litheli customer support. Refer to the contact information provided on the Litheli official website or your product packaging. Litheli offers 24/7 customer support.

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For more information, visit [the Litheli Store on Amazon](#).

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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