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LiTHELi D01202900

Litheli 20V 13" Cordless Lawn Mower (Model D01202900) User Manual

Model: D01202900 | Brand: LiTHELi

Introduction

Thank you for choosing the Litheli 20V 13" Cordless Lawn Mower. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new lawn mower. Please read this manual thoroughly before first use and retain it for future reference.



Image: The Litheli 20V 13-inch Cordless Lawn Mower, shown with its included 20V 4.0Ah battery and charger.

Important Safety Instructions

Always follow basic safety precautions when using this product to reduce the risk of fire, electric shock, and personal injury.

- **Read All Instructions:** Familiarize yourself with the controls and proper use of the appliance.
- **Wear Eye Protection:** Always wear safety glasses or goggles when operating the mower.
- **Keep Area Clear:** Ensure the mowing area is free of stones, sticks, wires, and other debris that could be thrown by the blade.
- **Keep Bystanders Away:** Do not allow children or bystanders near the mower during operation.
- **Avoid Wet Grass:** Do not operate the mower in wet conditions, as this can cause slipping and reduce cutting efficiency.
- **Inspect Before Use:** Check the blade, battery, and all components for damage before each use.
- **Use Correct Battery and Charger:** Only use the specified Litheli 20V 4.0Ah battery and charger provided with the mower.

- **Disconnect Battery:** Always remove the battery pack when cleaning, servicing, or storing the mower.
- **Store Safely:** Store the mower in a dry, secure location out of reach of children.

Setup and Assembly

1. Unpacking

Carefully remove all components from the packaging. Ensure all parts listed in the package content are present: mower unit, grass collection bag, 20V 4.0Ah battery, charger, and operator's manual.

2. Handle Assembly

Unfold the handle from its storage position. Secure the handle sections using the quick-release clamps or knobs provided. Ensure the handle is firmly locked into place before operation.



Image: The Litheli lawn mower demonstrating its folding handle for compact storage. Unfolded dimensions are approximately 48.4" x 15.2" x 45.3", and folded dimensions are 26.0" x 15.2" x 13.6".

3. Grass Collection Bag Installation

Assemble the grass collection bag according to the instructions. Attach the assembled bag to the rear discharge chute of the mower. Ensure it is securely fastened to prevent grass clippings from escaping.



Image: The Litheli lawn mower featuring its large 8-gallon grass collection bag, designed to efficiently collect clippings.

4. Battery Charging and Insertion

Fully charge the 20V 4.0Ah battery before first use. Insert the charged battery into the battery compartment on the mower until it clicks into place. Ensure the battery is seated correctly.

5. Adjusting Cutting Height

The mower offers 5 cutting height positions, adjustable from 0.98" to 2.56" in 0.395" increments. Use the height adjustment lever located near the wheels to select the desired cutting height. For best results, avoid cutting more than one-third of the grass blade length at a time.



Image: Close-up view of the Litheli lawn mower's 5-position height adjustment mechanism, showing cutting heights from 0.98" to 2.56".

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. To stop, release the bail lever.

2. Mowing Techniques

For optimal cutting, push the mower at a steady, moderate pace. Overlapping each pass slightly ensures an even cut. Mow in straight lines for a uniform appearance. The 13-inch cutting width allows for efficient coverage of small to medium-sized lawns.



Image: The Litheli lawn mower highlighting its 13-inch cutting width for efficient lawn care.

3. Runtime and Coverage

A fully charged 20V 4.0Ah battery provides approximately 20 minutes of runtime, capable of mowing up to 1,300 sq. ft. of lawn. Charging time for the battery is approximately 120 minutes.



Image: Infographic showing the Litheli lawn mower's performance: 1300 sq ft cutting area, 20 minutes operating time, and 120 minutes charging time.

Maintenance

1. Blade Care

The mower is equipped with a durable manganese steel blade. Regularly inspect the blade for sharpness and damage. A dull or damaged blade can lead to poor cutting performance and strain the motor. Replace the blade if it is bent, cracked, or excessively worn. Always disconnect the battery before inspecting or replacing the blade.



Image: Underside view of the Litheli lawn mower, showcasing its manganese steel blade design for efficient cutting.

2. Cleaning

After each use, disconnect the battery and clean the mower deck and grass collection bag. Remove any accumulated grass clippings, dirt, or debris. Do not use water directly on electrical components. Use a damp cloth or brush for cleaning.

3. Battery Care

Store the battery in a cool, dry place away from direct sunlight and extreme temperatures. Do not store the battery in a discharged state for extended periods. Charge the battery fully before storage and periodically during long storage periods.

4. Storage

For compact storage, the handle can be fully collapsed. Store the mower in a dry, protected area. Ensure the battery is removed before storing for extended periods.



Image: A person easily carrying the lightweight Litheli lawn mower, demonstrating its portability.

Troubleshooting

Problem	Possible Cause	Solution
Mower does not start	Battery not inserted correctly or discharged. Safety button/bail lever not engaged.	Ensure battery is fully charged and properly seated. Engage safety button and pull bail lever simultaneously.
Mower stops during operation	Overload due to thick/tall grass. Battery discharged. Blade obstructed.	Raise cutting height. Recharge battery. Disconnect battery and clear any obstructions from the blade.
Uneven cut	Dull or damaged blade. Incorrect cutting height.	Inspect and replace blade if necessary. Adjust cutting height appropriately for grass conditions.

Problem	Possible Cause	Solution
Excessive vibration	Damaged or unbalanced blade. Loose components.	Disconnect battery and inspect blade for damage. Tighten any loose fasteners. If vibration persists, contact customer support.

Product Specifications

Brand: LiTHELi

Model Number: D01202900

Power Source: Battery Powered (20V Lithium-Ion)

Battery Capacity: 4.0Ah (included)

Cutting Width: 13.2 Inches

Cutting Heights: 5 positions, 0.98" to 2.56"

Motor Type: Brushless

Item Weight: 25 Pounds

Product Dimensions: 17"D x 20"W x 36"H (unfolded)

Material: Plastic

UPC: 740907585537



Image: Diagram illustrating the internal components of a brushless motor, highlighting benefits such as high power performance, long service life, low maintenance costs, low noise, and good speed regulation.

Warranty and Customer Support

Warranty Information

LiTHELi products are manufactured to high-quality standards. For specific warranty details regarding your Litheli 20V 13" Cordless Lawn Mower, please refer to the warranty card included with your purchase or visit the official LiTHELi website. Keep your proof of purchase for warranty claims.

Customer Support

If you have any questions, concerns, or require assistance with your Litheli lawn mower, please contact LiTHELi customer support. They aim to respond to inquiries within 24 hours.
For support, please visit the LiTHELi Store on Amazon or refer to the contact information provided in your product packaging.

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