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> [Litheli 20V Cordless Garden Sprayer U20SP00-0A110-2 Instruction Manual](#)

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Litheli 20V Cordless Garden Sprayer Instruction Manual

Model: U20SP00-0A110-2 | Brand: LiTHELi

1. PRODUCT OVERVIEW

The Litheli 20V Cordless Garden Sprayer is a versatile and efficient tool designed for various gardening and cleaning tasks. Featuring intelligent pump pressure control and two distinct spray modes, it offers consistent and adaptable performance for spraying plants, garden watering, and other applications. The sprayer includes a 2.0Ah battery for cordless convenience and an ergonomic design for comfortable use.

Key Features:

- **Smart Pump Technology:** Ensures consistent, uninterrupted spraying with intelligent pressure control.
- **Dual Spray Modes:** Offers mist and stream modes for diverse applications, from delicate plants to targeted weed treatment.
- **Ergonomic Design:** Equipped with the Litheli ProGrip handle and an adjustable shoulder strap for comfortable, fatigue-free operation.
- **Heavy-Duty Construction:** Built with UV-resistant ABS plastic for durability in outdoor conditions.
- **Efficient Battery System:** Includes a 2.0Ah IPS U20 battery with 45W USB-C fast charging and a 1-second swap system for continuous use.

2. SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

General Safety:

- Wear appropriate personal protective equipment (PPE) such as safety glasses, gloves, and protective clothing when operating the sprayer.
- Keep children and bystanders away while operating the sprayer. Distractions can cause you to lose control.
- Do not operate the sprayer in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Store the sprayer indoors in a dry, secure location, out of reach of children.

Chemical Handling:

- **WARNING:** This sprayer is not designed for use with solvents, combustible liquids (e.g., diesel, gasoline), or highly corrosive chemicals. Using such substances can cause damage to the unit, fire, explosion, or serious injury.
- Always follow the chemical manufacturer's instructions for mixing, handling, and application.
- Ensure proper ventilation when mixing or spraying chemicals.
- Thoroughly clean the sprayer after each use, especially when switching between different types of chemicals.

3. PACKAGE CONTENTS

Verify that all items are present and in good condition upon unpacking.

- Litheli 20V Cordless Garden Sprayer Unit (Tank and Motor Assembly)
- Spray Wand with Hose
- 2.0Ah IPS U20 Battery
- Adjustable Shoulder Strap
- USB-C Charging Cable (Note: 45W USB-C charger not included)
- User Manual



4. SETUP

Follow these steps to assemble and prepare your sprayer for first use.

1. **Charge the Battery:** Before initial use, fully charge the 2.0Ah battery using the provided USB-C charging cable. The battery features a USB-C port for charging and a USB-A port for charging other devices.
2. **Attach the Spray Wand:** Connect the spray wand to the hose, ensuring a secure fit. Then, connect the hose to the sprayer unit's outlet port.
3. **Insert the Battery:** Slide the charged 20V battery into the designated slot on the sprayer's motor assembly until it clicks securely into place.
4. **Fill the Tank:** Unscrew the motor assembly from the tank. Fill the translucent tank with your desired liquid (water, fertilizer, weed treatment, etc.). The wide 2.75-inch opening facilitates mess-free filling. Do not overfill.
5. **Secure the Motor Assembly:** Carefully screw the motor assembly back onto the tank, ensuring a tight seal to prevent leaks and maintain pressure.
6. **Attach Shoulder Strap (Optional):** For extended use or carrying a full tank, attach the adjustable shoulder strap to the designated hooks on the sprayer unit.

SMART PRESSURE CONTROL FOR CONTINUOUS SPRAY



Figure 2: Translucent tank with wide opening and safety valve.



Figure 3: 20V battery with USB-A and USB-C ports.

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Video 1: Official Litheli 'Cordless Garden Sprayer' demonstration, showing assembly, battery insertion, and basic operation.

5. OPERATING INSTRUCTIONS

Operating the Litheli Cordless Garden Sprayer is straightforward.

1. **Power On:** Press the power button on the motor assembly to activate the pump. You will hear the pump begin to pressurize the tank.
2. **Select Spray Mode:** The sprayer offers two modes: mist and stream. Adjust the nozzle at the end of the spray wand to select the desired spray pattern.
3. **Begin Spraying:** Squeeze the trigger on the spray wand handle to release the liquid. For continuous spraying, engage the one-touch trigger lock.
4. **Release Pressure:** Before refilling or storing, pull the red safety valve on the tank to release any remaining pressure.



Figure 4: Efficient spraying with the Litheli Cordless Garden Sprayer.



2-IN-1 SPRAY MODES



Figure 5: Dual spray modes for varied applications.



Figure 6: Smart pump technology and one-touch trigger lock.

Usage Scenarios:



Figure 7: The sprayer is suitable for multiple tasks including pet bathing, plant spraying, car washing, and patio cleaning.

6. MAINTENANCE

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

- **Cleaning:** After each use, especially when spraying chemicals, rinse the tank thoroughly with clean water. Operate the sprayer with clean water for a few minutes to flush the pump and wand.
- **Nozzle Care:** If the nozzle becomes clogged, remove it and clean any debris.
- **Battery Storage:** Store the battery in a cool, dry place away from direct sunlight. For long-term storage, ensure the battery is partially charged (around 50%).
- **General Storage:** Store the sprayer in a protected area, away from extreme temperatures. Ensure the tank is empty and clean before storage.

7. TROUBLESHOOTING

If you encounter issues with your sprayer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Sprayer does not turn on	Battery not inserted correctly or discharged	Ensure battery is fully seated and charged.
No spray or weak spray	Tank not pressurized, nozzle clogged, or low liquid level	Check liquid level, ensure motor assembly is tightly sealed, clean nozzle.
Leaking from connections	Loose connections or damaged O-rings	Tighten all connections. Inspect and replace O-rings if damaged.
Battery not charging	Faulty USB-C cable/charger or battery issue	Try a different USB-C cable and a compatible 45W charger. Contact support if issue persists.

8. SPECIFICATIONS

Feature	Specification
Brand	LiTHELi
Model Name	U20SP00-0A110-2
Tank Volume	4.75 Liters (1.3 Gallons)
Power Source	Battery Powered (20V Lithium Ion)
Battery Included	1 Lithium Ion battery (2.0Ah)
Charging	45W USB-C Fast Charging (charger not included)
Material	UV-resistant ABS Plastic
Product Dimensions	5.4"W x 16.5"H
Item Weight	8.53 pounds
Style	Handheld

9. WARRANTY AND SUPPORT

The Litheli 20V Cordless Garden Sprayer comes with a **3-year warranty**, guaranteeing durability and reliable performance. For any questions, technical assistance, or warranty claims, please contact Litheli customer support. Support is available 24/7 to assist you.

For more information or to contact support, please visit the official [LiTHELi Store on Amazon](#).