LiTHELi U20PS00-0A110-new

Litheli U20 Pole Saw Instruction Manual

Model: U20PS00-0A110-new

Introduction

Thank you for choosing the Litheli U20 Pole Saw. This electric cordless pole saw is designed for efficient and safe tree trimming, offering an extended reach for various pruning tasks. Please read this manual thoroughly before operation to ensure proper use, maintenance, and safety.

The Litheli U20 Pole Saw features an 8-inch blade, a powerful motor providing a cutting speed of 27.5 ft/s, and is powered by a 20V/2.5Ah Li-ion battery. Its extendable pole allows for a maximum reach of 17.5 feet, making it ideal for high branches.

Safety Instructions

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

- **Read the Manual:** Understand all instructions and warnings before use.
- **Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, gloves, and sturdy footwear. A hard hat is recommended for overhead work.
- **Work Area:** Ensure the work area is clear of bystanders, pets, and obstacles. Be aware of falling branches.
- **Electrical Safety:** Use only the specified battery and charger. Do not operate in wet conditions or near power lines.
- **Secure Grip:** Maintain a firm grip on the pole saw with both hands during operation.
- **Dual Safety Switch:** The Litheli U20 Pole Saw is equipped with a dual interlock switch. Both the safety lock and trigger must be activated simultaneously to start the saw.
- **Proper Cutting Technique:** Do not overreach. Maintain proper footing and balance. Avoid cutting branches thicker than the recommended capacity.
- **Maintenance:** Disconnect the battery before performing any maintenance, cleaning, or adjustments.
- **Storage:** Store the pole saw in a dry, secure place out of reach of children.

Product Components

Familiarize yourself with the main components of your Litheli U20 Pole Saw:

- **Saw Head:** Includes the 8-inch bar and chain.
- **Motor Housing:** Contains the motor and control switches.
- **Extension Pole:** Adjustable pole for extended reach.
- **Battery Compartment:** For inserting the 20V/2.5Ah Li-ion battery.
- **Oil Reservoir:** For automatic chain lubrication.
- **Shoulder Strap:** For comfortable and labor-saving operation.
- **Battery Charger:** (Sold separately or included depending on package)



Image: Overview of the Litheli U20 Pole Saw and its main accessories.

Setup

1. Battery Charging

The 20V/2.5Ah Li-ion battery may not be fully charged upon arrival. Charge the battery before first use.

1. Take out the charging cable from the package.
2. Insert the charging cable into the Type-C port of the battery.
3. Plug the charging cable into a compatible charger (MAX 45W, not included). A full charge typically takes 2 hours.



Image: Step-by-step guide for charging the U20 battery.

2. Battery Installation

Once charged, install the battery into the pole saw.

1. Align the battery with the battery compartment on the pole saw handle.
2. Slide the battery firmly into place until it clicks, ensuring a secure connection.



Image: Proper insertion of the detachable high-capacity battery into the pole saw.

3. Assembling the Pole Saw

The pole saw comes with an extendable pole for varying reach requirements.

- Connect the saw head to the extension pole. Ensure the connection is secure.
- Attach the auxiliary shoulder strap to the designated points on the pole saw for improved balance and reduced fatigue during operation.



Image: Key features and assembly points including the 8-inch bar, extension pole, and auxiliary strap.

Operating Instructions

1. Filling the Oil Reservoir

The Litheli U20 Pole Saw features an automatic oiling system. Ensure the oil reservoir is filled with appropriate bar and chain oil before each use.

1. Locate the oil reservoir cap on the saw head.
2. Unscrew the cap and carefully fill the reservoir with bar and chain oil. Do not overfill. The reservoir capacity is 140ml.
3. Securely replace the cap.



Image: Filling the 140ml oiler for automatic chain lubrication.



Image: Demonstrating the auto oiling system for smooth operation.

2. Adjusting Pole Length

The extension pole can be adjusted from 7.7 feet to 11.5 feet, providing a maximum reach of 17.5 feet (based on a 6-foot tall person holding the saw at shoulder level).

- Loosen the locking mechanism on the extension pole.
- Extend or retract the pole to the desired length.
- Securely tighten the locking mechanism to prevent slippage during operation.



Image: Demonstrating the extended reach of the pole saw for tree trimming.

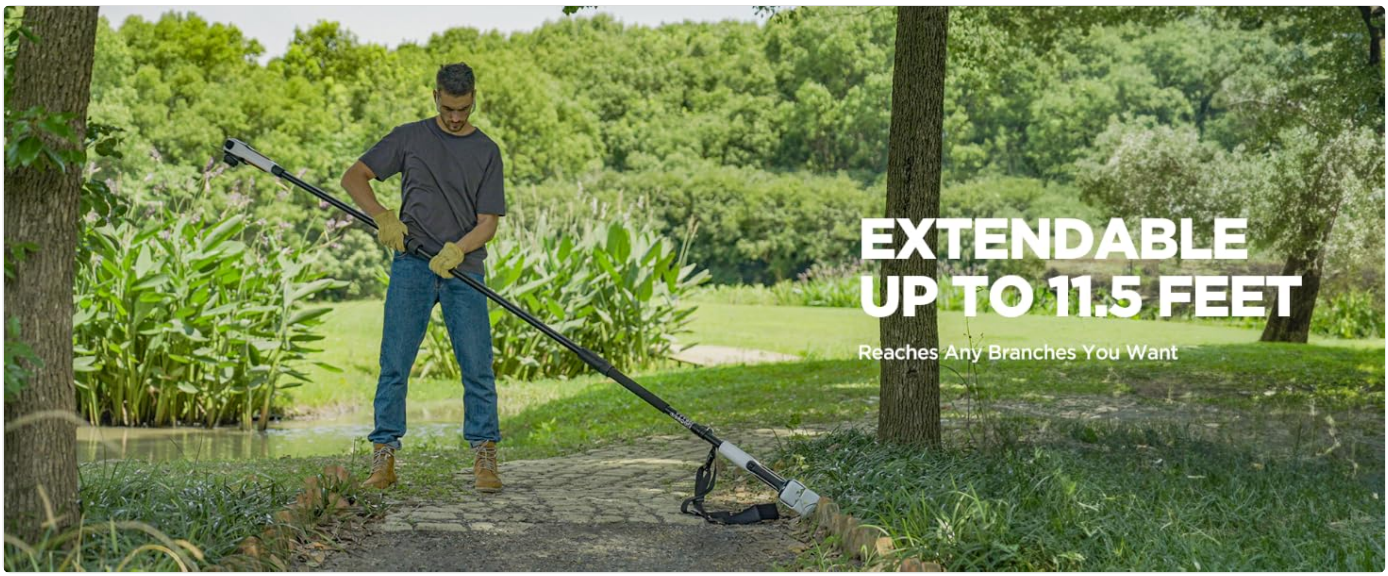


Image: The pole saw extended to its maximum length for reaching high branches.

3. Starting and Cutting

Always ensure a clear work area and proper footing before starting the saw.

1. Hold the pole saw firmly with both hands.
2. To start the saw, simultaneously press the safety lock button and squeeze the trigger. The dual control switch ensures safe operation.
3. Allow the chain to reach full speed before engaging the branch.
4. Position the saw head against the branch, allowing the chain to cut through the wood. Do not force the saw; let the tool do the work.
5. For larger branches, make an undercut first to prevent pinching, then complete the cut from the top.
6. Release the trigger to stop the saw.

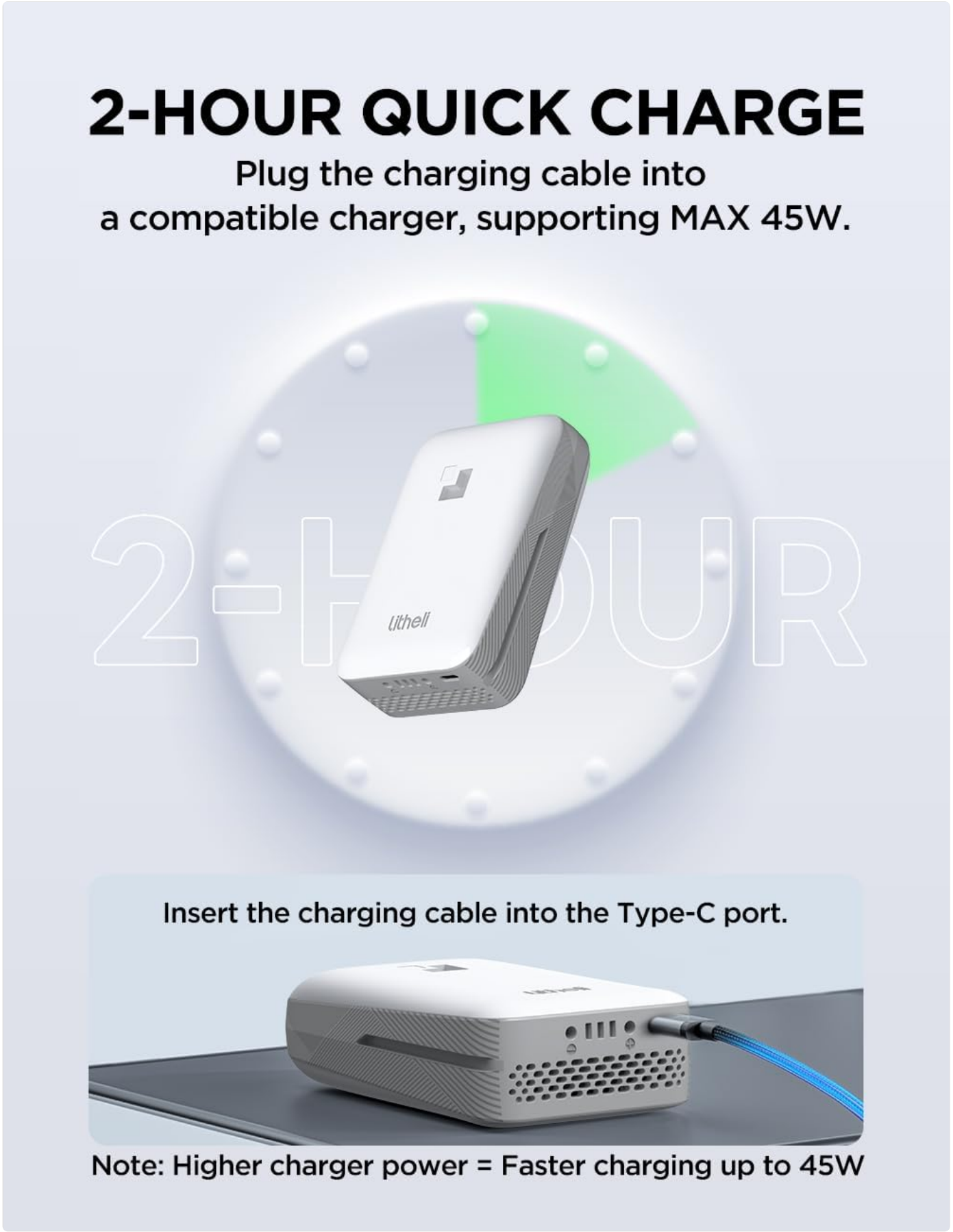


Image: The pole saw in action, demonstrating its cutting efficiency.



Image: Illustrating the high chain speed for effective pruning.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your Litheli U20 Pole Saw. Always disconnect the battery before performing any maintenance.

1. Chain Lubrication

The automatic oiling system keeps the chain lubricated during operation. Regularly check the oil level and refill as needed. Use only recommended bar and chain oil.

2. Chain Tension Adjustment

Proper chain tension is crucial for safe and efficient cutting. The Litheli U20 features tool-less chain tensioning.

- Ensure the saw is off and the battery is removed.
- Locate the chain tension adjustment knob/lever.
- Adjust the tension until the chain is snug against the bar but can still be pulled freely by hand. Refer to the diagram for specific adjustment points.

3. Cleaning and Storage

- After each use, clean debris from the bar, chain, and motor housing.
- Wipe down the exterior with a damp cloth. Do not use harsh chemicals.
- Store the pole saw in a dry, cool place, away from direct sunlight and moisture.
- Remove the battery if storing for extended periods.

Troubleshooting

Problem	Possible Cause	Solution
Saw does not start	Battery not charged or improperly installed; Safety lock not engaged with trigger; Overload protection activated.	Charge battery and ensure proper installation; Ensure both safety lock and trigger are pressed simultaneously; Allow tool to cool down, then restart.

Problem	Possible Cause	Solution
Chain not cutting efficiently	Dull chain; Incorrect chain tension; Insufficient lubrication.	Sharpen or replace chain; Adjust chain tension; Refill oil reservoir.
Saw stops during operation	Battery low; Overload protection activated; Chain pinched in wood.	Recharge battery; Reduce cutting pressure, allow tool to cool; Release saw from pinch, then restart.
Oil leaking from saw	Overfilled reservoir; Loose oil cap; Normal seepage during storage.	Do not overfill; Ensure oil cap is tight; Store saw on a surface that can catch minor drips.

Specifications

Feature	Detail
Brand	LiTHELi
Model Number	U20PS00-0A110-new
Power Source	Battery Powered
Battery Type	20V / 2.5Ah Li-ion (U-Battery Plus)
Bar Length	8 inches
Chain Speed	27.5 ft/s
Extendable Pole Length	7.7 ft to 11.5 ft
Maximum Reach	Up to 17.5 ft (user dependent)
Item Weight	Approximately 9.2 lbs
Product Dimensions (L x W x H)	45.3" x 3.81" x 12.8"
Oil Reservoir Capacity	140 ml
UPC	740907585254

Warranty and Support

Information regarding product warranty and customer support is not available in this manual. Please refer to the product packaging or the manufacturer's official website for detailed warranty terms and contact information for support.

For additional resources and product registration, please visit the official LiTHELi website.

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