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LiTHELi U20PS00-0A110+U20BY01-0A000+Charge

Litheli U20 Cordless Pole Saw User Manual

Model: U20PS00-0A110+U20BY01-0A000+Charge | Brand: LiTHELi

1. SAFETY INFORMATION

Read and understand all safety warnings and instructions before operating the Litheli U20 Cordless Pole Saw. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, gloves, and a hard hat when operating the pole saw.
- **Work Area Safety:** Keep the work area clear of bystanders, children, and pets. Ensure good footing and balance. Do not operate in wet conditions or near power lines.
- **Tool Handling:** Hold the pole saw firmly with both hands. Ensure the chain is properly tensioned and lubricated before each use.
- **Battery Safety:** Use only specified battery packs and chargers. Do not expose batteries to water or extreme temperatures.
- **Kickback Prevention:** Be aware of the potential for kickback. Avoid cutting with the tip of the guide bar.

2. PRODUCT OVERVIEW

The Litheli U20 Cordless Pole Saw is designed for pruning and trimming branches. It features an 8-inch cutting bar, an extendable pole, and a battery-powered motor for cordless operation.

Key Components:

- Pole Saw Head (with 8-inch bar and chain)
- Extension Pole
- Rear Pole (handle section)
- 2 x 2.0Ah Li-Ion Battery
- 65W Charger
- Bar and Chain Sheath
- Shoulder Strap

Features:

- **8-Inch Cutting Bar:** Provides efficient cutting for various branch sizes.
- **High Cutting Speed:** The chain operates at 28 ft/s, enabling up to 140 cuts on 3x3 inch lumber.
- **Extendable Pole:** Adjusts from 7.7 feet to 11.5 feet, offering an extended reach of up to 17.5 feet (based on a 6-foot tall person).
- **Automatic Oiling System:** Lubricates the chain during operation, extending chain life and ensuring smooth performance.
- **Tool-Free Chain Tensioning:** Allows for quick and easy adjustment of chain tension.
- **Dual Interlock Switch:** Enhances safety by requiring simultaneous activation for start-up.
- **Lightweight Design:** Weighs approximately 9.9 lbs for reduced user fatigue.



Figure 1: Litheli U20 Cordless Pole Saw and included accessories.

This image displays the complete Litheli U20 Cordless Pole Saw kit, including the saw head, extension pole, two 2.0Ah batteries, a dual charger, and the bar and chain sheath.

3. SETUP

3.1 Unpacking and Component Identification

Carefully remove all components from the packaging. Verify that all parts listed in the Product Overview section are present.

Your browser does not support the video tag.

Video 1: How to install Litheli U20 20V Pole Saw.

This video provides a step-by-step guide on assembling the Litheli U20 pole saw, including connecting the poles, installing the chain, and preparing the saw for use.

3.2 Pole Assembly

1. Align the notch on the front pole with the arrow mark on the rear pole.
2. Push the poles together until they click into place.
3. Tighten the sleeve in the marked direction to secure the connection.
4. If using the extension pole, repeat the alignment and tightening steps to connect it between the front and rear poles.

3.3 Chain and Bar Installation

1. Remove the chain cover by turning the locking knob counter-clockwise.
2. Install the saw chain onto the guide bar, ensuring the cutting teeth are oriented in the correct rotation direction (indicated by a symbol on the bar).
3. Fit the chain and bar assembly onto the drive sprocket of the saw head.
4. Replace the chain cover and tighten the locking knob clockwise.
5. Adjust the chain tension by turning the tensioning sleeve. The chain should be snug but still able to be pulled slightly away from the bar.

TOOL-FREE CHAIN TENSIONING

The chain is always perfectly lubricated



Figure 2: Tool-free chain tensioning mechanism. Rotate the knob to adjust chain tightness.

This image illustrates the tool-free chain tensioning system, allowing for easy adjustment of the chain's tightness by rotating a knob.

3.4 Oiling the Chain

The pole saw is equipped with an automatic lubrication system. Ensure the oil reservoir is filled before use.

1. Unscrew the oiler tap located on the saw head.
2. Fill the reservoir with appropriate bar and chain oil. Do not overfill.
3. Securely screw the oiler tap back into place.



Figure 3: Automatic oiling system. The transparent reservoir allows for easy monitoring of oil levels.

This image shows the transparent oil reservoir and the process of filling it with bar and chain oil, highlighting the automatic lubrication feature.

3.5 Battery Installation

1. Ensure the battery is fully charged using the provided 65W charger.
2. Press the button on the battery compartment to release the cover.
3. Insert the 2.0Ah U-Battery Plus into the compartment until it clicks securely into place.

4. OPERATING INSTRUCTIONS

4.1 Starting the Pole Saw

To start the tool, simultaneously press the safety lock-off button and the trigger switch. Release the lock-off button once the saw starts.

4.2 Cutting Techniques

- **Stance:** Maintain a balanced stance with feet shoulder-width apart.

- **Branch Size:** Begin with smaller branches. For larger branches, make an undercut first to prevent bark stripping.
- **Cutting Motion:** Allow the saw to do the work. Do not force the saw through the branch.
- **Avoid Kickback:** Do not cut with the tip of the guide bar. Be aware of the branch's tension and direction of fall.

Your browser does not support the video tag.

Video 2: Litheli U20 Cordless Pole Saw in operation.

This video demonstrates the Litheli U20 Cordless Pole Saw in action, showcasing its cutting capabilities and the use of the extension pole for reaching high branches.



Figure 4: User operating the pole saw to trim high branches, demonstrating the extended reach.

This image shows a user utilizing the extended pole saw to prune branches at a significant height, illustrating the product's reach capabilities.

5. MAINTENANCE

5.1 Chain Tension

Regularly check chain tension. A properly tensioned chain should be snug against the guide bar but still allow you to pull it away slightly. Adjust using the tool-free tensioning knob as needed.

5.2 Chain Lubrication

Monitor the oil level in the reservoir and refill with bar and chain oil when necessary. The automatic oiling system ensures continuous lubrication during operation.

5.3 Cleaning

After each use, clean the guide bar, chain, and saw head to remove sawdust, sap, and debris. Ensure the air vents are clear to prevent overheating.

5.4 Battery Care

Store batteries in a cool, dry place. Charge batteries fully before storage and periodically during long storage periods to maintain battery health.

6. TROUBLESHOOTING

- Saw Not Starting:** Check if the battery is fully charged and properly inserted. Ensure both the lock-off button and trigger switch are pressed simultaneously.
- Poor Cutting Performance:** Verify chain tension. Inspect the chain for dullness or damage; sharpen or replace if necessary. Ensure the oil reservoir is filled.
- Excessive Vibration:** Check for loose components or a damaged chain/bar.
- Oil Leakage:** Ensure the oiler tap is securely closed. Inspect the reservoir for cracks or damage.

7. SPECIFICATIONS

Attribute	Detail
Manufacturer	Litheli
Product Dimensions	45.7 x 8.07 x 5.91 inches
Item Model Number	U20PS00-0A110+U20BY01-0A000+Charge
Batteries	2 x 2.0Ah Li-Ion (included)
Style	2 x 20V 2.5Ah
UPC	740907592108

8. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official Litheli website or contact their customer service directly. Protection plans may also be available for purchase separately.

You can visit the [Litheli Store on Amazon](#) for more product information and support resources.

	<p>Litheli 20V Cordless Pole Saw Operator's Manual</p> <p>Operator's manual for the Litheli 20V Cordless Pole Saw (Model D06101852, SKU E1PS17000), covering safety instructions, assembly, operation, maintenance, and troubleshooting. Learn how to safely use and maintain your Litheli pole saw.</p>
	<p>Litheli Cordless Pole Saw Operating Manual - U20PS00-0A110</p> <p>Operating manual for the Litheli U20PS00-0A110 Cordless Pole Saw, covering safety instructions, assembly, operation, maintenance, and troubleshooting.</p>
	<p>Litheli U20 Handy+ Cordless Snow Shovel User Manual</p> <p>User manual for the Litheli U20 Handy+ Cordless Snow Shovel, detailing features, operation, maintenance, and warranty information.</p>
	<p>Litheli U20 Handy+ Cordless Lawn Mower: Operating Manual, Safety, and Maintenance Guide</p> <p>Official operating manual for the Litheli U20 Handy+ Cordless Lawn Mower. Find detailed safety instructions, assembly, operation, maintenance, and troubleshooting tips for your Litheli lawn mower.</p>
	<p>Litheli 40V Cordless Pole Saw Operator's Manual - Safety and Operation Guide</p> <p>Comprehensive operator's manual for the Litheli 40V Cordless Pole Saw (Model D06100753). Includes safety instructions, assembly, operation, maintenance, and troubleshooting.</p>
	<p>Litheli 2x20V Cordless 17" Lawn Mower Operator's Manual - E1-L43LM / E1-L43LM2BC</p> <p>Comprehensive operator's manual for the Litheli 2x20V Cordless 17" Lawn Mower (models E1-L43LM, E1-L43LM2BC). Includes safety instructions, assembly guide, operation details, maintenance procedures, troubleshooting tips, and warranty information for optimal use and care.</p>