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## Parkside PGHSA 20-Li

# PARKSIDE PGHSA 20-Li Cordless Wood Cutter User Manual

Model: PGHSA 20-Li

## INTRODUCTION

Thank you for choosing the PARKSIDE PGHSA 20-Li Cordless Wood Cutter. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new tool. Please read these instructions carefully before first use and keep them for future reference.

The PARKSIDE PGHSA 20-Li is a versatile 20V cordless wood cutter designed for various wood and metal cutting tasks, featuring a tool-free quick-release mechanism and compatibility with all X20V Team batteries.

## PRODUCT OVERVIEW

Familiarize yourself with the components of your PARKSIDE PGHSA 20-Li Cordless Wood Cutter.



Image 1: The PARKSIDE PGHSA 20-Li Cordless Wood Cutter, showing its compact design and chain.

### Included Components:

- PARKSIDE PGHSA 20-Li Cordless Wood Cutter unit
- 20V Battery (2.0 Ah)
- Battery Charger
- Organic Chain Oil (Made in Germany)
- Chain Cover
- Carrying Case



**Image 2:** The X20V Team battery being charged on its dedicated charger.



**Image 3:** The protective chain cover and a bottle of organic chain oil, essential for maintenance.



**Image 4:** The robust carrying case for safe storage and transport of the wood cutter and accessories.

## SETUP

### 1. Charging the Battery

1. Connect the charger to a suitable power outlet.
2. Slide the 20V battery onto the charger until it clicks into place.
3. Allow the battery to charge fully. The indicator lights on the charger will show the charging status.

4. Once fully charged, remove the battery from the charger.

## 2. Installing the Chain and Guide Bar

The PGHSA 20-Li features a tool-free quick-release mechanism for easy chain and guide bar installation.

1. Ensure the battery is removed from the tool before assembly.
2. Locate the quick-release knob/lever on the side of the tool.
3. Turn or open the quick-release mechanism to loosen the chain cover.
4. Carefully place the chain around the guide bar, ensuring the cutting edges face the correct direction.
5. Fit the guide bar onto the tool, aligning it with the drive sprocket.
6. Place the chain around the drive sprocket.
7. Replace the chain cover and secure it by engaging the quick-release mechanism.
8. Adjust chain tension: The chain should be snug but still able to be pulled freely around the guide bar by hand. Refer to the markings on the tool for proper tension.

## 3. Oiling the Chain

Proper lubrication is crucial for chain longevity and cutting performance.

1. Fill the oil reservoir with the provided organic chain oil.
2. Ensure the oil cap is securely fastened.
3. Before each use, check the oil level and refill if necessary.

# OPERATING INSTRUCTIONS

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## Safety Precautions

- Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and hearing protection.
- Ensure a stable footing and clear work area.
- Keep bystanders and pets at a safe distance.
- Never operate the tool with one hand. Always use both hands for control.
- Do not operate the tool in wet conditions or near flammable liquids/gases.
- Remove the battery when not in use, during maintenance, or when changing accessories.

## Starting and Stopping

1. Insert the charged battery into the tool until it clicks.
2. To start, press the safety lock-off button (if present) and then squeeze the trigger switch.
3. To stop, release the trigger switch.

## Cutting Techniques

- Hold the tool firmly with both hands.
- Allow the chain to reach full speed before contacting the workpiece.
- Apply light, consistent pressure. Do not force the tool.
- Be aware of kickback potential, especially when cutting with the tip of the guide bar.
- For cutting wood, ensure the workpiece is stable and supported.
- For cutting metal (if applicable with specific blades), follow manufacturer guidelines for appropriate blades and safety.

## MAINTENANCE

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Regular maintenance ensures the longevity and safe operation of your wood cutter.

### Cleaning

- Always remove the battery before cleaning.
- Clean the tool housing with a damp cloth. Do not use solvents.
- Remove sawdust, chips, and debris from the guide bar groove and around the sprocket.
- Ensure the air vents are clear of obstructions.

### Chain Sharpening

- A sharp chain is essential for efficient and safe cutting.
- Sharpen the chain regularly or replace it when dull or damaged.
- Refer to a specialized guide or consult a professional for proper chain sharpening techniques.

### Storage

- Store the tool in its carrying case in a dry, secure place, out of reach of children.
- Ensure the chain cover is in place during storage.
- Remove the battery from the tool before long-term storage.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly inserted. Safety lock-off not engaged.	Ensure battery is fully charged and correctly inserted. Press safety lock-off before trigger.
Poor cutting performance	Dull chain. Incorrect chain tension. Insufficient chain oil.	Sharpen or replace chain. Adjust chain tension. Refill chain oil reservoir.
Chain stops during operation	Overload. Low battery charge.	Reduce cutting pressure. Recharge battery.
Excessive vibration	Damaged chain or guide bar. Loose components.	Inspect chain and guide bar for damage and replace if necessary. Check all fasteners for tightness.

## SPECIFICATIONS

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<b>Model</b>	PGHSA 20-Li
<b>Brand</b>	Parkside
<b>Voltage</b>	20 Volts
<b>Wattage</b>	400 Watts
<b>Power Source</b>	Battery Powered
<b>Blade Material</b>	High-speed steel
<b>Blade Shape</b>	Rectangular, 16 cm
<b>Number of Teeth</b>	48
<b>Handle Material</b>	Plastic, fiberglass
<b>Surface Recommendation</b>	Wood and metal
<b>Special Feature</b>	Tool-free quick-release mechanism, compatible with all X20V Team batteries, includes organic chain oil
<b>Package Dimensions</b>	54.1 x 40.79 x 11.8 cm; 4.23 kilograms

## WARRANTY

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This PARKSIDE PGHSA 20-Li Cordless Wood Cutter is covered by a **Limited Warranty**. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, abuse, unauthorized modifications, or normal wear and tear. For specific terms and conditions, please refer to the warranty card included with your product or contact Parkside customer support.

## CUSTOMER SUPPORT

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For technical assistance, spare parts, or warranty inquiries, please contact Parkside customer support. Contact information can typically be found on the product packaging, the official Parkside website, or your purchase documentation. When contacting support, please have your product model number (PGHSA 20-Li) and purchase date available.

**Online Resources:** Visit the official Parkside website for additional product information, FAQs, and support resources.