

## HEINPRO HP-02ALJ2

# HEINPRO HP-02ALJ2 Cordless Hedge Trimmer and Grass Shear User Manual

Model: HP-02ALJ2 | Brand: HEINPRO

## 1. IMPORTANT SAFETY INFORMATION

Please read and understand all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

### General Safety Rules

- **Work Area Safety:** Keep the work area clean and well-lit. Cluttered or dark areas invite accidents.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. There is an increased risk of electric shock if your body is earthed or grounded.
- **Personal Safety:** Always wear eye protection and hearing protection. Use appropriate personal protective equipment such as gloves, non-skid safety shoes, and a hard hat when necessary.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

### Specific Warnings for Hedge Trimmers

- **Keep hands away from blades.** Do not attempt to remove cut material or hold material to be cut when blades are moving.
- **Triple Safety Guarantee:** The HEINPRO hedge trimmer features a blade guard, safety locking device, and soft start to prevent accidental injury and starting. Always engage the safety lock when not in use.
- **Battery Compatibility:** This tool is compatible with DEWALT 20V MAX lithium-ion batteries (DCB200, DCB201, DCB203, DCB204, DCB205, DCB206, DCB207, DCB208, DCB210, DCB230, DCB240, etc.). **Battery and charger are not included.**




**BATTERY NOT INCLUDED**



**ERGONOMIC SAFETY LOCK**

Figure 1: Ergonomic Safety Lock and Blade Guard for secure operation.

### **OVER-LOAD PROTECTION**

-  Over-current protection
-  Over-voltage protection
-  Over-temperature protection

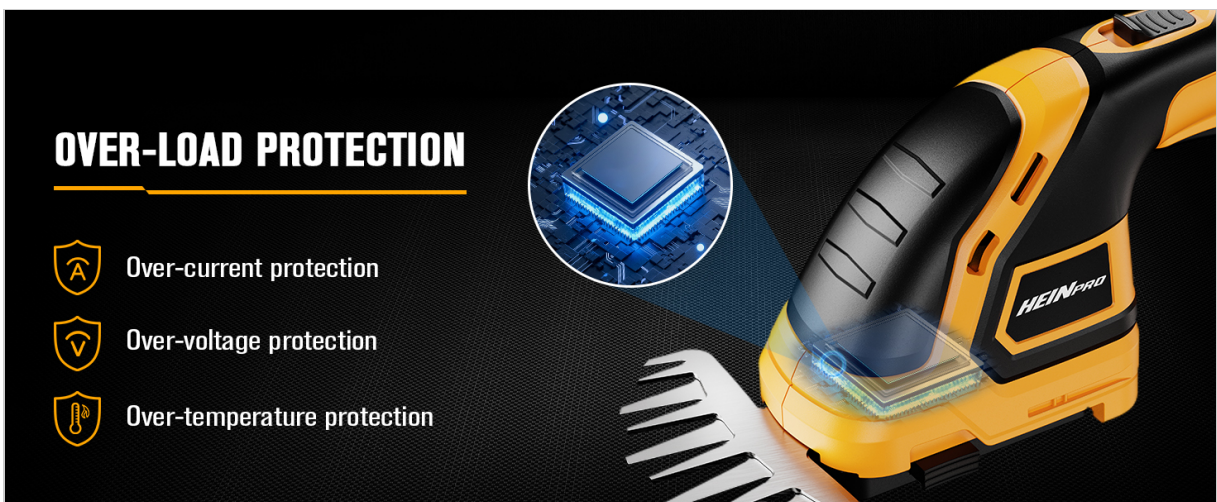
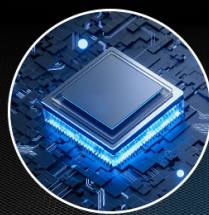


Figure 2: Overload protection system for over-current, over-voltage, and over-temperature safety.

## **2. PRODUCT OVERVIEW**

The HEINPRO HP-02ALJ2 is a versatile 2-in-1 cordless garden tool designed for efficient hedge trimming and grass shearing. It is lightweight and compatible with DEWALT 20V MAX batteries, offering flexibility for

users who already own compatible power tools.

### Key Features:

- **2-in-1 Functionality:** Easily switch between hedge trimmer and grass shear blades.
- **DEWALT 20V MAX Battery Compatible:** Utilizes existing DEWALT 20V MAX lithium-ion batteries (battery not included).
- **Upgraded Components:** Features an upgraded copper wire motor for improved power and stability, and durable powder metallurgy gears pre-coated with grease to reduce wear.
- **Laser-Cut Blades:** Designed for higher cutting efficiency.
- **Lightweight Design:** Weighs only 1.8 lbs (tool only) for comfortable handling.



Figure 3: HEINPRO HP-02ALJ2 Cordless Hedge Trimmer and Grass Shear.



Figure 4: The tool offers both hedge trimming and grass shearing modes.

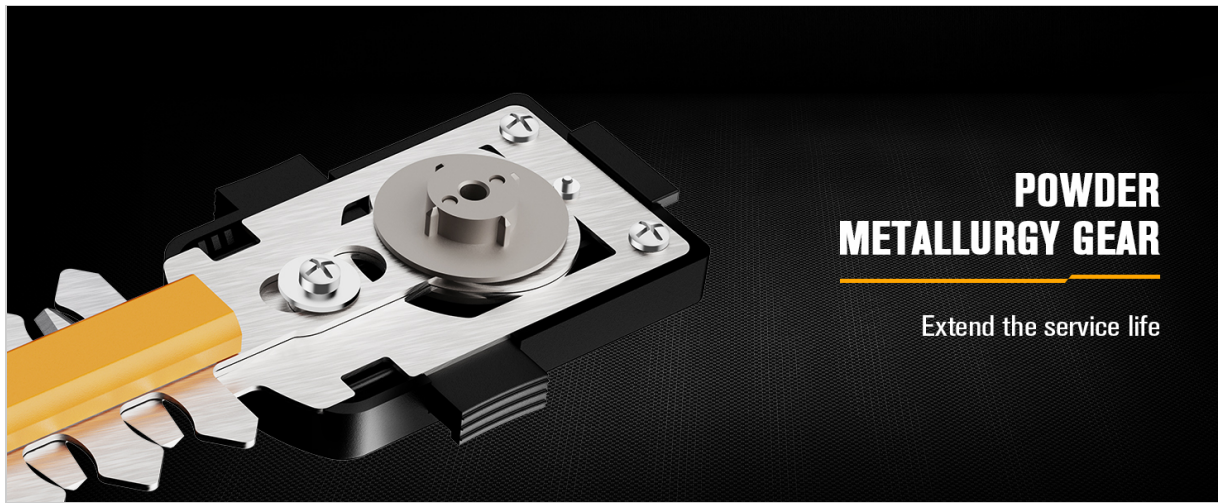


Figure 5: Upgraded powder metallurgy gears for enhanced durability.



Figure 6: Precision laser-cut blades ensure higher cutting efficiency.

### 3. SETUP

#### Attaching and Removing Blades

The HEINPRO HP-02ALJ2 comes with two interchangeable blades: an 8.7-inch hedge trimmer blade and a 4.7-inch grass shear blade. Always ensure the tool is off and the battery is removed before changing blades.

1. **To Remove a Blade:** Locate the blade release buttons on the tool. Press these buttons and gently pull the blade assembly away from the main unit.
2. **To Attach a Blade:** Align the new blade assembly with the tool's drive mechanism. Ensure the small tab on the bottom side of the blade assembly aligns with the corresponding slot on the tool. Push the blade assembly firmly until it clicks into place. Verify it is securely fastened by gently pulling on it.



Figure 7: The tool with both hedge trimmer and grass shear blades detached, ready for interchange.

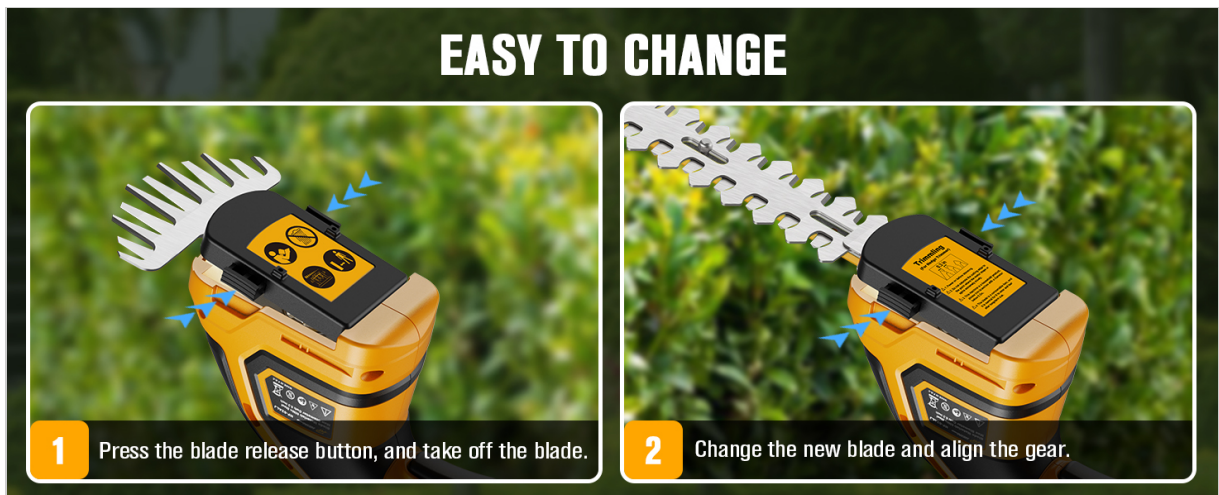


Figure 8: Step-by-step guide for easy blade changing by pressing release buttons and aligning the gear.

### Inserting and Removing the Battery

This tool requires a DEWALT 20V MAX lithium-ion battery (not included).

1. **To Insert Battery:** Align the battery with the battery port on the tool. Slide the battery into the tool until it clicks securely into place.

2. **To Remove Battery:** Press the battery release button (usually located on the battery itself) and slide the battery out of the tool.

## 4. OPERATION

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### Starting and Stopping the Tool

The HEINPRO HP-02ALJ2 features a triple safety guarantee. To operate:

1. **To Start:** Slide the safety locking device forward with your thumb, then press the trigger switch. The tool will start with a soft start mechanism.
2. **To Stop:** Release the trigger switch. The safety locking device will automatically return to its locked position.

### Using the Hedge Trimmer

The 8.7-inch hedge trimmer blade is ideal for fine buds on hedges, trees, and ornamental shrubs. Max cutting length is 7.9 inches and max cutting thickness is 0.3 inches.

- Hold the tool firmly with both hands, ensuring a stable grip.
- Maintain a safe distance from the blades and ensure no bystanders are in the work area.
- Move the trimmer smoothly along the hedge or shrub, using a sweeping motion.
- Avoid cutting branches thicker than the recommended maximum.



Figure 9: Using the hedge trimmer blade for shaping shrubs.

### Using the Grass Shear

The 4.7-inch grass shear blade is designed for cutting grass and edge trimming in small lawns or around delicate areas. Max cutting width is 4.4 inches.

- Hold the tool comfortably, positioning the grass shear blade close to the ground or desired trimming line.
- Move the tool steadily to achieve an even cut.
- Be cautious around hard surfaces or obstacles to prevent blade damage.

OURS	OTHERS
 <p data-bbox="247 492 829 548"><b>Upgraded powder metallurgy gears are more durable</b></p>	 <p data-bbox="877 492 1348 548"><b>Plastic gear</b></p>
 <p data-bbox="247 828 829 884"><b>Laser-cut blade, higher cutting efficiency</b></p>	 <p data-bbox="877 828 1348 884"><b>Stamping blade</b></p>
 <p data-bbox="247 1153 829 1265"><b>Up to 120 min run time (Grass shear)</b> Tested using DEWALT 20V 2.0Ah battery</p>	 <p data-bbox="877 1153 1348 1265"><b>60 min run time</b></p>

Figure 10: Utilizing the grass shear blade for precise lawn edging.

## Official Product Video: Operation Overview

Video 1: This official HEINPRO video demonstrates the cordless hedge trimmer's operation and compatibility with DEWALT 20V MAX batteries, showcasing its use for various trimming tasks.

## 5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your HEINPRO tool.

### Blade Care

- **Cleaning:** After each use, remove the blade and clean off any sap, debris, or grass clippings. Use a stiff brush and a mild detergent solution if necessary. Dry thoroughly.
- **Lubrication:** Apply a light machine oil or blade lubricant to the blades before and after each use to reduce friction and prevent rust.
- **Sharpening:** If blades become dull, they can be sharpened by a professional or replaced. Always use genuine HEINPRO replacement blades.

### Tool Cleaning and Storage

- Wipe down the tool's housing with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the tool is completely dry before storing.
- Store the tool in a dry, secure location out of reach of children and away from direct sunlight or extreme temperatures.
- Always attach the blade guard when storing the hedge trimmer blade.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	Battery not inserted correctly or discharged; Safety lock not disengaged.	Ensure battery is fully charged and properly inserted. Disengage safety lock before pressing trigger.
Blades not cutting effectively	Dull blades; Excessive material thickness; Blades clogged with debris.	Clean and lubricate blades. Sharpen or replace dull blades. Do not attempt to cut material exceeding recommended thickness.
Tool stops during operation	Battery discharged; Overload protection activated.	Recharge battery. Reduce load on the tool; allow it to cool down if overheated.

## 7. SPECIFICATIONS

Feature	Specification
Brand	HEINPRO
Model Number	HP-02ALJ2
Power Source	Battery Powered (Compatible with DEWALT 20V MAX batteries, battery and charger not included)
Hedge Trimmer Blade Length	8.7 Inches
Hedge Trimmer Max Cutting Thickness	0.3 Inches
Grass Shear Blade Width	4.7 Inches
Item Weight (Tool Only)	1.8 Pounds
Product Dimensions	19.7"L x 2.95"W x 4.7"H
Material Type	Copper, Aluminum, Steel

## 8. WARRANTY AND SUPPORT

HEINPRO is committed to providing reliable solutions and excellent customer service.

- For any questions or support needs, please contact HEINPRO customer service.
- 24-hour after-sales service support is available.



Figure 11: HEINPRO offers dedicated 24-hour after-sales service support.