

## GVDV JY-LM2401

# GVDV 24V Cordless 3-in-1 Weed Wacker Instruction Manual

Model: JY-LM2401

## INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your GVDV 24V Cordless 3-in-1 Weed Wacker. Designed for versatility, this tool functions as a brush cutter, weed eater, and grass trimmer, making it suitable for various yard and garden tasks. Please read this manual thoroughly before initial use and retain it for future reference.

## SAFETY INSTRUCTIONS

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

- **Wear Appropriate Personal Protective Equipment (PPE):** Always wear safety goggles, gloves, long pants, and sturdy footwear to protect against flying debris and potential hazards.
- **Keep Clear of Moving Parts:** Ensure hands, feet, and clothing are kept away from the cutting blades during operation.
- **Secure Work Area:** Clear the work area of any obstacles, rocks, or debris that could be thrown by the blades. Keep bystanders, children, and pets at a safe distance (at least 50 feet/15 meters).
- **Inspect Before Use:** Before each use, check the tool for any damaged parts, loose connections, or worn blades. Do not operate if any components are compromised.
- **Proper Handling:** Use both hands to operate the weed wacker. Maintain a firm grip and balanced stance.
- **Dual Switches and Protective Guards:** The unit is equipped with dual switches for safe activation and protective guards to minimize scattering of cut material and enhance user safety. Do not remove or bypass these safety features.
- **Battery Safety:** Use only the specified GVDV 24V 3000mAh Li-ion batteries and charger. Do not expose batteries to extreme temperatures or moisture.
- **Avoid Overreaching:** Do not overreach or stand on unstable surfaces while operating the tool.
- **Turn Off When Not in Use:** Always turn off the tool and remove the battery pack before making any adjustments, changing accessories, or storing the unit.

## PACKAGE CONTENTS



1. **Step 1: Take Down Screw** - Locate and remove the screw on the cutting head assembly.
2. **Step 2: Install the Cover** - Align and install the protective cover onto the cutting head, ensuring it fits securely with the cutter mechanism.
3. **Step 3: Hole Alignment** - Ensure the central hole on the cutting mechanism is properly aligned for blade installation.
4. **Step 4: Install the Blade Carefully** - Select the desired blade (alloy saw blade or metal blade). Carefully place the blade onto the aligned hole, ensuring it is flat and centered. Secure it with the appropriate fastening mechanism (e.g., nut, washer).
5. **Step 5: Align and Tighten Handles** - Align the two sections of the main pole and securely tighten the connection points to form the full handle.
6. **Step 6: Install Telescoping Handle** - Attach the telescoping handle to the main pole, ensuring a correct and secure match.
7. **Step 7: Install Auxiliary Handle** - Install the auxiliary handle onto the main pole and tighten its screw for a comfortable grip.
8. **Step 8: Insert Battery** - Press the safety lock button on the battery compartment and firmly insert a charged 24V 3000mAh Li-ion battery until it clicks into place.

## How to Install Our Weed Wacker

More details with User Manual



**Step 1**  
Take down screw



**Step 2**  
Install the cover to fit with cutter



**Step 3**  
Hole Alignment



**Step 4**  
Install the blade carefully



**Step 5**  
Align the two handles and tighten them.



**Step 6**  
Install telescoping handle with correct match



**Step 7**  
Install auxiliary handle and tighten the screw



**Step 8**  
Press safety lock<sup>①</sup> before turn on the battery<sup>②</sup>

Figure 2: Step-by-step assembly guide for the GVDV Weed Wacker, illustrating the process from attaching the protective cover to installing the battery.



Figure 3: The GVDV Weed Wacker features an expandable pole, allowing length adjustments from 35 to 51 inches for user comfort and versatility in mowing, trimming, and edging tasks.

## OPERATING INSTRUCTIONS

Your GVDV Weed Wacker is designed for efficient and precise trimming. Here's how to operate it:

- **Power On/Off:** To activate the unit, press and hold the dual safety switches simultaneously. Release to power off.
- **Adjustable Length:** Utilize the adjustable telescopic pole to customize the tool's length (35-51 inches) for optimal comfort and reach, reducing strain during extended use.
- **Adjustable Head Angle:** The cutting head can be adjusted from 0° to 90°. This flexibility allows you to easily trim sloped lawns, reach under bushes, and access other tight areas that traditional mowers cannot.
- **Blade Selection:** Choose between the alloy saw blade for tougher brush and thicker weeds, or the two metal blades for general grass trimming and edging. The 12-inch cutting diameter ensures efficient coverage.
- **Brushless Motor Performance:** The powerful 800W brushless motor delivers up to 20,000 RPM, providing strong cutting performance while operating quietly and efficiently.

- **Edging Functionality:** For precise lawn edges, position the cutting head at a suitable angle and guide the tool along the desired line, as demonstrated in the product visuals.
- **Trimming Around Obstacles:** The adjustable head and lightweight design make it easy to maneuver around trees, rocks, and other garden features, ensuring a clean trim without damaging obstacles.

## Multi-Protection

For peace of mind



The iron guardrail provides preventing the working blade from colliding with hard objects



Two start switches to prevent accidental opening



Grass protectors cover effectively prevent weeds from scattering in the surrounding area.

**Figure 4:** Multi-protection features of the GVDV Weed Wacker include an iron guardrail to prevent blade collision, dual start switches for safety, and grass protectors to contain debris.

# 800W High-Speed Brushless DC Motor

24 v

8000 RMP



**Figure 5:** The GVDV Weed Wacker is powered by an 800W high-speed brushless DC motor, capable of reaching 20,000 RPM for powerful and efficient cutting.

## BATTERY CHARGING AND CARE

Proper battery care ensures optimal performance and longevity:

- **Charging:** Connect the quick charger to a power outlet and then to the battery. Each 3000mAh battery typically takes 2-3 hours to fully charge.
- **Battery Indicator:** The ergonomic handle features a real-time battery indicator, allowing you to monitor the remaining power at a glance and plan your work efficiently.
- **Storage:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to charge batteries to about 50% capacity.
- **Disposal:** Dispose of old or damaged batteries responsibly according to local regulations.

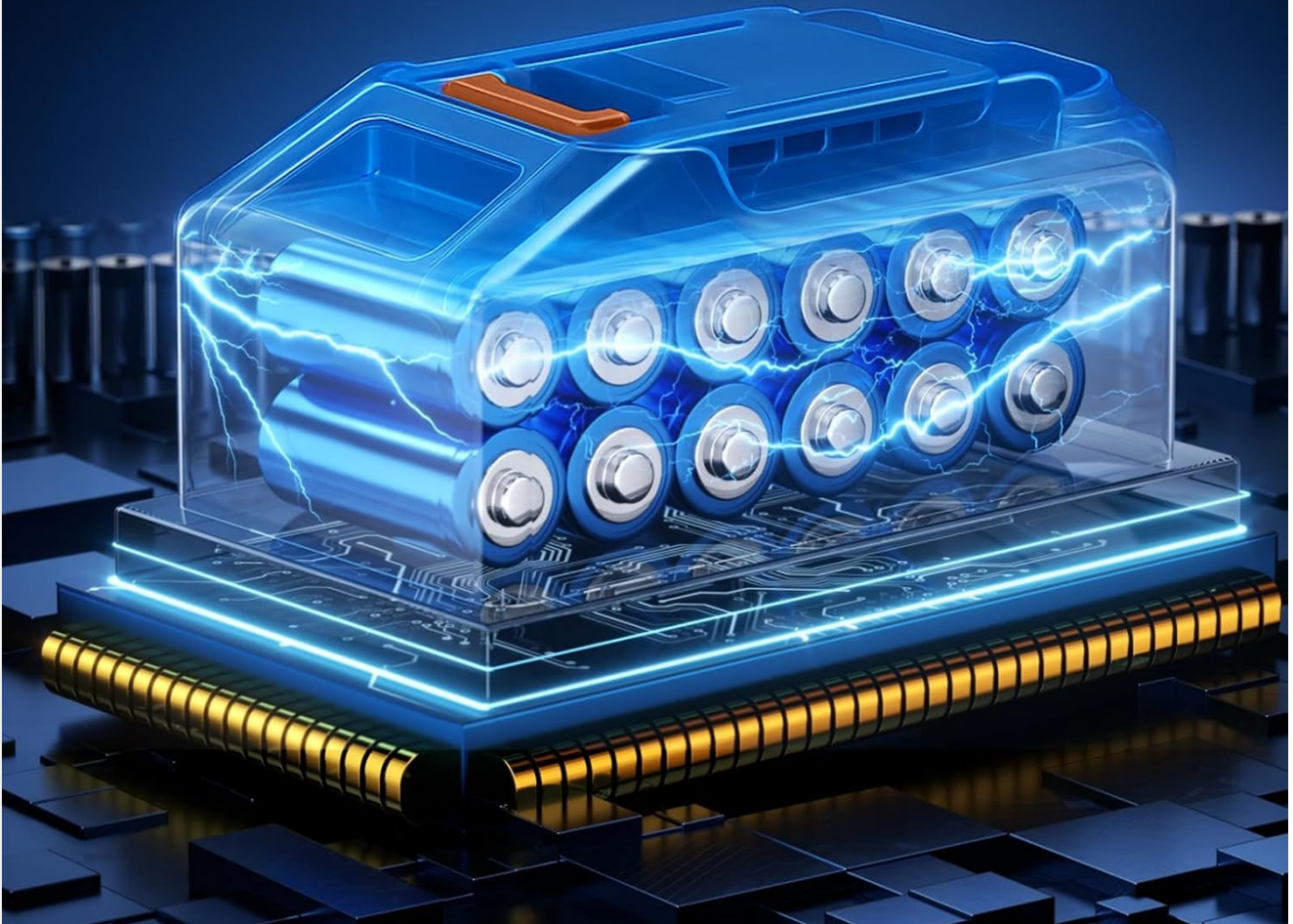
# 2 Pack Large Capacity Battery



Charge Time  
2-3hours/pack



Working Time  
0.5hours/pack



**Figure 6:** The GVDV Weed Wacker comes with two 24V 3000mAh large capacity batteries, each offering 0.5 hours of working time and requiring 2-3 hours for a full charge.

## MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your tool:

- **Cleaning:** After each use, remove any grass, dirt, or debris from the cutting head, protective guard, and motor housing. Use a dry cloth or soft brush. Do not use water or harsh chemicals.
- **Blade Inspection and Replacement:** Regularly inspect the alloy saw blade and metal blades for sharpness, damage, or wear. Replace dull or damaged blades immediately to maintain cutting efficiency and safety. Refer to the assembly section for blade replacement steps.
- **Storage:** Store the weed wacker in a clean, dry place, out of reach of children. Ensure the battery is removed before storage.

## TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not turn on.	Battery not charged or improperly inserted. Safety switches not engaged.	Ensure battery is fully charged and securely inserted. Press both dual safety switches simultaneously.
Reduced cutting performance.	Dull or damaged blades. Excessive debris around the cutting head.	Replace blades if dull or damaged. Clean any accumulated grass or debris from the cutting head.
Battery drains quickly.	Battery not fully charged. Operating in very dense or wet conditions. Old battery.	Ensure battery is fully charged before use. Avoid prolonged use in heavy conditions. Consider replacing the battery if it no longer holds a charge effectively.

If the problem persists after attempting these solutions, please contact GVDV customer support.

## SPECIFICATIONS

Feature	Detail
Brand	GVDV
Model Number	JY-LM2401
Power Source	Battery Powered
Motor Type	Brushless DC Motor
Motor Power	800W
Speed	Up to 20,000 RPM
Battery Type	24V 3000mAh Li-ion (2 included)
Cutting Diameter	12 inches
Adjustable Pole Length	35-51 inches
Adjustable Head Angle	0°-90°
Item Weight	6.4 lbs (approx. 2.9 kg)
Color	Green

## WARRANTY & SUPPORT

Your GVDV 24V Cordless 3-in-1 Weed Wacker comes with a **1-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any questions regarding your product, please contact GVDV customer service. Refer to the contact information provided on the product packaging or the official GVDV website.

