

Yofidra sku4G6462Y_2-UK

Yofidra 20L Electric Backpack Sprayer User Manual

Model: sku4G6462Y_2-UK | Brand: Yofidra

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Yofidra 20L Electric Backpack Sprayer. This device is designed for various applications including agricultural spraying, garden and landscape maintenance, car cleaning, and disinfection. Please read this manual thoroughly before first use and retain it for future reference.

2. SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury or damage to the sprayer:

- Before each use, ensure the sealing ring is correctly inserted to prevent nozzle leaks.
- Do not use water-insoluble powders, as they can clog the filter and pump lines.
- Only use liquids with a pH value between 4 and 9.
- Avoid contact between the battery and water. If the battery gets wet, immediately wipe it dry with a cloth and allow it to air dry completely.
- After each use, remove all liquid residues from the device and clean it thoroughly.
- Wear appropriate personal protective equipment (PPE) such as gloves, eye protection, and a mask when handling chemicals.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x 20L Water Tank
- 2 x 2000 mAh Rechargeable Batteries
- 1 x Battery Charger
- 5 x Multifunctional Nozzles
- 1 x Telescopic Extension Wand
- 1 x Anti-tangle Hose

- 1 x Filter
- 1 x Adjustable Shoulder Strap
- 2 x Spare Sealing Rings

4. SPECIFICATIONS

Motor	Pure Copper Motor
Voltage	21 V
Tank Capacity	20 Liters (5.3 Gallons)
Flow Rate	3.5 L/min
Pressure	30-100 PSI (3-6.9 Bar)
Mixing Function	Smart Agitation (3 seconds mixing time)
Battery Type	2 x 2000 mAh Lithium-Ion (18-21 V)
Charger Output	1.3 A
Product Dimensions	49.5 x 49.5 x 41 cm
Product Weight	3.5 kg
Hose Length	1 Meter
Materials	Copper, Plastic, Polyurethane, Nylon

5. SETUP

5.1 Assembling the Sprayer

1. **Attach the Hose:** Connect the anti-tangle hose to the sprayer's outlet port and the spray wand handle. Ensure connections are secure to prevent leaks.
2. **Install the Wand:** Connect the telescopic extension wand to the spray handle.
3. **Select and Attach Nozzle:** Choose the desired nozzle from the 5 multifunctional nozzles provided and securely attach it to the end of the spray wand.
4. **Attach Shoulder Strap:** Securely attach the adjustable shoulder strap to the designated points on the backpack sprayer for comfortable carrying.



Image 1: Product dimensions and hose connection points. The sprayer measures 39cm (15.35 inches) wide and 48cm (19 inches) high. The pipe protective cover is 120cm (47.24 inches) long, and the shorter pipe is 75cm (29.53 inches) long.

5.2 Battery Installation and Charging

1. **Charge Batteries:** Before first use, fully charge both 2000 mAh batteries using the provided charger. The battery indicator lights will show charging status.
2. **Install Battery:** Open the battery compartment cover on the sprayer. Insert one charged battery into the compartment until it clicks into place. Close the cover securely.

2×2.0AH RECHARGEABLE BATTERIES



Image 2: Battery installation and charging process. The image demonstrates how to access the battery compartment, remove a battery, and charge it separately while another battery can be used in the sprayer.

5.3 Filling the Tank

1. Ensure the sprayer is on a stable, level surface.
2. Unscrew the tank lid.
3. Pour the desired liquid (within pH 4-9 range) into the 20L tank. The wide filling mouth helps prevent spills.
4. Ensure the integrated filter is in place to prevent debris from entering the pump.
5. Securely screw the tank lid back on.

6. OPERATING INSTRUCTIONS

6.1 Powering On and Adjusting Pressure

1. Once the battery is installed and the tank is filled, turn on the sprayer using the power switch.
2. Use the rotary knob to adjust the spray pressure, ranging from 30 to 100 PSI. Turn clockwise for higher pressure, counter-clockwise for lower pressure.
3. The clear battery display allows you to monitor the remaining battery charge during operation.

6.2 Automatic Mixing Function

The sprayer features a 3-second smart agitation system to ensure uniform distribution of liquids within the tank, preventing settling of solutions.



Image 3: Illustration of the automatic mixing function. The Yofidra sprayer automatically mixes liquids in 3 seconds, eliminating the need for manual stirring.

6.3 Using the Telescopic Wand and Nozzles

1. **Extend the Wand:** Adjust the telescopic extension wand to your desired length (57-102 cm) for reaching difficult areas.

2. **Spray Operation:** Press the handle trigger to dispense liquid. For continuous flow, engage the handle lock feature.
3. **Change Nozzles:** Select from the 5 provided nozzles (Windproof, Cone, F-Type Dual, E-Type Dual, Copper) to achieve different spray patterns and intensities, from a fine mist to a powerful jet.

PRODUCT SIZE

PIPE PROTECTIVE COVER



Image 4: Demonstrates the extending wand and handle lock feature. The wand extends up to 102cm (40 inches) for great reach, and the handle can be locked for continuous spraying.

40 INCH EXTENDING WAND GREAT REACH

HANDLE WITH LOCK FEATURE



Image 5: Various nozzle types and their spray patterns. The sprayer includes 5 versatile nozzles for different applications, and features a storage area design for convenience.

6.4 Comfort Features

The sprayer is designed with comfort in mind for extended use:

- **Adjustable Strap:** The shoulder straps are adjustable to fit various body shapes.
- **Extra-thick Back Padding:** Provides cushioning and breathability for comfort during wear.
- **Buckle Design:** Ensures secure and stable fit.

COMFORT

BREATHABLE SHOULDER EXTENDED STRAP

FIT EVERY SHAPE BODY



Adjustable Strap



Extra-thick Back Padding



Buckle Design



Image 6: Comfort features of the backpack sprayer, including adjustable straps, thick back padding, and a secure buckle.

6.5 Usage Scenarios

MULTIPLE USES



Spraying Water



Fertilizer Application



Pesticide Spraying



Equipment Cleaning

Image 7: Multiple applications of the sprayer, including spraying water, applying fertilizer, spraying pesticides, and cleaning equipment.

7. MAINTENANCE

7.1 Cleaning the Sprayer

1. After each use, empty any remaining liquid from the tank.
2. Rinse the tank thoroughly with clean water.
3. Run clean water through the hose and wand to flush out any residues.
4. Clean the nozzles and filter to prevent clogging.
5. Wipe down the exterior of the sprayer with a damp cloth.

7.2 Battery Care and Storage

- 1. Always remove the battery from the sprayer when not in use or during cleaning.
- 2. Store batteries in a cool, dry place, away from direct sunlight and moisture.
- 3. Do not store fully discharged batteries for extended periods. Charge them periodically if not used for a long time.

7.3 Checking Seals

Regularly inspect all sealing rings and connections for wear or damage. Replace worn sealing rings with the provided spare rings to prevent leaks.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Sprayer not turning on	Battery not charged or improperly installed.	Ensure battery is fully charged and correctly inserted into the compartment. Check battery display.
No spray or weak spray	Nozzle or filter clogged; low battery; incorrect pressure setting.	Clean nozzle and filter. Charge battery. Adjust pressure knob to a higher setting.
Liquid leaks from nozzle or connections	Sealing ring improperly seated or damaged; loose connections.	Check and reseal all sealing rings. Tighten all connections. Replace damaged sealing rings with spares.
Mixing function not working	Obstruction in mixing mechanism; low power.	Ensure no debris is in the tank that could impede mixing. Check battery charge.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact the seller directly. Keep your purchase receipt as proof of purchase.