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> [VEVOR 16L Battery-Powered Backpack Sprayer User Manual LN-16C01](#)

## VEVOR LN-16C01

# VEVOR 16L Battery-Powered Backpack Sprayer

Model: LN-16C01

## INTRODUCTION

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This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your VEVOR 16L Battery-Powered Backpack Sprayer, Model LN-16C01. Please read this manual thoroughly before initial use and retain it for future reference.

## SAFETY INSTRUCTIONS

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**Failure to follow these safety instructions may result in injury or damage to the product.**

- Read the instruction manual completely before use.
- Keep the sprayer away from children and animals.
- Do not use with flammable, corrosive, or toxic liquids.
- Keep the unit away from heat sources and open flames.
- Do not store in humid or high-temperature areas.
- Disconnect the battery before cleaning or storing the unit.
- Recharge the battery only in well-ventilated areas.
- In case of contact with skin or eyes, rinse thoroughly with water and seek medical attention if necessary.
- If a spill occurs, clean carefully and dispose of safely according to local regulations.

## PRODUCT FEATURES

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- **Battery-Powered Operation:** Equipped with an 8 Ah lithium-ion battery, providing 4 to 6 hours of continuous operation on a single charge. Eliminates manual pumping.
- **Adjustable Pressure and Flow:** The pump delivers a maximum pressure of 90 PSI and a flow rate of up to 4.1 L/min, with adjustable pressure settings from 0 to 90 PSI.
- **Large Capacity Tank:** Features a 16 L (4 Gallon) tank, sufficient for various daily spraying tasks.
- **Versatile Nozzle and Wand System:** Includes 8 interchangeable nozzles and 2 wands (one adjustable brass wand from 54.5 to 100 cm, and one plastic wand) to accommodate diverse spraying patterns and requirements.
- **Ergonomic Design:** Designed with padded shoulder straps and back support for enhanced comfort during extended use. Includes an effort-saving chest strap and durable buckles for secure and comfortable carrying.

- **User-Friendly Features:** Features a wide-mouth opening with a filter for easy liquid filling and a translucent tank with volume markings for clear capacity monitoring. The spray handle includes a lockable switch for continuous spraying, reducing hand fatigue.
- **Multi-Purpose Application:** Suitable for various indoor and outdoor applications, including lawn and garden care, irrigation, general cleaning, washing, and disinfection.



**VEVOR**  
4 Gallon / 16L  
12V / 8Ah Lithium-Ion  
Backpack Sprayer

Lithium-ion battery

## Spray 4-6 Hours on a Single Charge

**Premium Lithium-Ion Battery**

		
Charging Time 5-6 h	Working Time 4-6 h	Battery Capacity 12V/8Ah

Image: The VEVOR backpack sprayer in use, demonstrating its battery-powered operation and efficiency for tasks like hedge spraying. The image also highlights the long-lasting battery, efficiency, time-saving, and ease of operation.

## Meet All Your Spraying Needs



Image: A selection of eight different nozzles and two wands (one adjustable brass, one plastic) included with the VEVOR backpack sprayer, illustrating the versatility for various spraying needs. The image shows single brass, triple brass, fan-shaped, double head mist, F-type dual, single head mist, windproof, and triple mist nozzles, along with the telescopic brass wand.

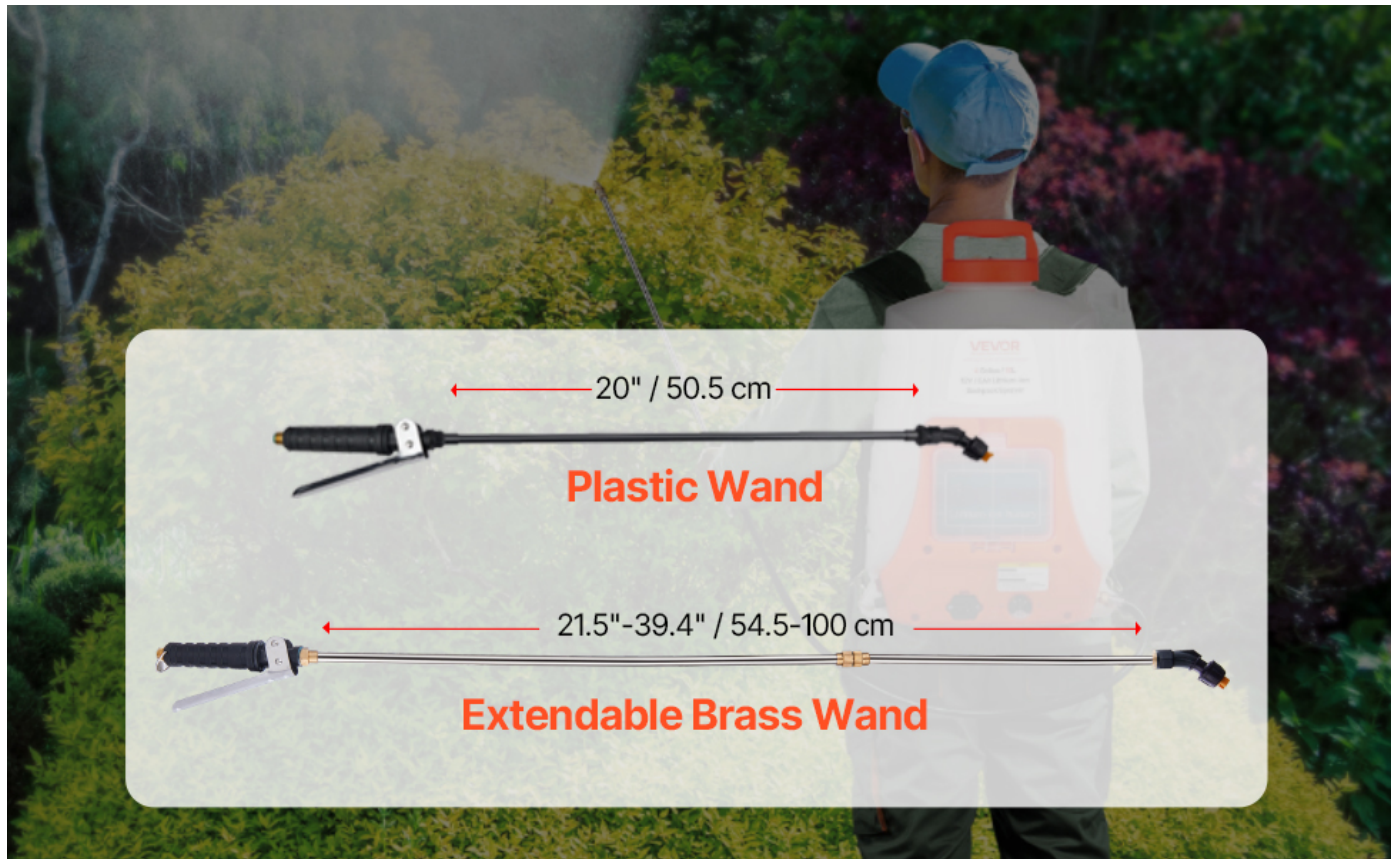


Image: Detailed view of the comfortable carrying system of the VEVOR backpack sprayer, featuring padded shoulder straps, an effort-saving chest strap, and durable buckles designed for comfort during prolonged use.

# Friendly for DIYers & Professionals

Convenient Design



Wide Mouth  
for Easy Filling



High Visibility for  
Water Level



Handle with  
Lockable Switch



Power Indicator  
Light



Image: An illustration highlighting the user-friendly design elements of the sprayer, such as the wide mouth for easy filling, high visibility for water level, a handle with a lockable switch for continuous spraying, and a power indicator light.

## SPECIFICATIONS

Specification	Value
Model Number	LN-16C01

Tank Capacity	16 Liters (4 Gallons)
Tank Material	HDPE 5502S Plastic
Max Flow Rate	4.1 L/min
Pump Pressure Range	0-90 PSI
Battery Type	Lithium-Ion
Battery Capacity	12V / 8Ah
Operating Time (per charge)	4-6 hours
Charging Time	5-6 hours
Product Weight	5.1 kg (11.24 lbs)
Product Dimensions (L x W x H)	21.5 x 21.5 x 56 cm (approx. 8.5 x 8.5 x 22 inches)
Hose Length	1.26 meters (4.13 feet)
Adjustable Brass Wand Length	54.5 - 100 cm (21.5 - 39.4 inches)
Plastic Wand Length	50.5 cm (20 inches)

Item Model Number:

**LN-16C01**

Capacity:

**4 Gal / 16 L**

Tank Material:

**HDPE 5502S**

Max Flow Rate:

**4.1 L/min**

Pump Pressure Range:

**0-90 psi**

Product Weight:

**11.2 lbs / 5.1 kg**



Image: A visual representation of the sprayer's dimensions and key specifications, including model number, capacity, tank material, flow rate, pump pressure, product weight, and wand lengths.

## SETUP

### 1. Unpacking and Inspection

Carefully remove all components from the packaging. Inspect for any signs of damage. Ensure all parts listed in the package contents are present.

## 2. Battery Charging

1. Locate the battery charger and connect it to the sprayer's charging port.
2. Plug the charger into a standard electrical outlet.
3. Allow the battery to charge for 5-6 hours for a full charge. The power indicator light will show charging status.
4. Ensure charging is done in a well-ventilated area.

## 3. Assembly

1. Attach the hose to the sprayer unit and the spray handle, ensuring a secure connection.
2. Connect the desired wand (brass or plastic) to the spray handle.
3. Select and attach the appropriate nozzle to the end of the wand by twisting it on securely.
4. Adjust the shoulder straps for a comfortable fit, ensuring the chest strap is also secured if desired.

## OPERATING INSTRUCTIONS

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### 1. Filling the Tank

1. Ensure the sprayer is turned off and the battery is disconnected if performing maintenance.
2. Unscrew the wide-mouth cap of the tank.
3. Pour the desired liquid into the tank, using the volume markings for accurate measurement. Ensure the liquid is compatible with the sprayer and intended application.
4. Do not overfill. Securely fasten the cap after filling.

### 2. Starting the Sprayer

1. Ensure the battery is properly connected and charged.
2. Turn on the power switch located on the sprayer unit.
3. Adjust the pressure knob to the desired setting (0-90 PSI).

### 3. Spraying

1. Point the nozzle towards the target area.
2. Press the trigger on the spray handle to begin spraying.
3. For continuous spraying, engage the lockable switch on the handle.
4. Release the trigger or disengage the lockable switch to stop spraying.

### 4. After Use

1. Turn off the power switch on the sprayer unit.
2. Relieve any remaining pressure by briefly pressing the trigger.
3. Empty any remaining liquid from the tank and clean the sprayer thoroughly (refer to Maintenance section).



Image: A multi-panel image demonstrating the diverse applications of the VEVOR backpack sprayer, including lawn care, watering plants, general cleaning, and washing tasks.

## MAINTENANCE

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### 1. Cleaning the Tank and Nozzles

1. After each use, empty any remaining liquid from the tank.
2. Rinse the tank thoroughly with clean water. For certain chemicals, a mild detergent may be necessary.
3. Run clean water through the pump, hose, and nozzle to flush out any residue.
4. Disassemble nozzles and wands as needed for detailed cleaning to prevent clogging.

### 2. Battery Care

- Store the battery in a cool, dry place when not in use.
- Avoid fully discharging the battery. Recharge it regularly, even during periods of non-use, to prolong its lifespan.
- Do not expose the battery to extreme temperatures.

### 3. Storage

- Store the sprayer in a dry, shaded area, away from direct sunlight and extreme temperatures.
- Ensure the tank is empty and clean before storage.
- Disconnect the battery if storing for an extended period.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
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Sprayer does not turn on	Battery not charged; Battery not connected; Power switch off	Charge battery; Ensure battery is securely connected; Turn power switch on
No spray or weak spray	Nozzle clogged; Tank empty; Low battery; Hose kinked; Pump issue	Clean nozzle; Refill tank; Recharge battery; Straighten hose; Contact support
Leaking from connections	Loose connections; Damaged O-rings/seals	Tighten all connections; Inspect and replace O-rings/seals if damaged
Battery not charging	Charger not connected; Faulty charger/battery; Outlet issue	Ensure charger is connected; Test outlet; Contact support for charger/battery replacement

## WARRANTY AND SUPPORT

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VEVOR products are designed for durability and performance. For warranty information, technical support, or replacement parts, please refer to the official VEVOR website or contact their customer service directly. Please have your model number (LN-16C01) and purchase details available when contacting support.

**VEVOR Official Website:** [www.vevor.com](http://www.vevor.com)