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## VONROC PS504DC

# VONROC 5L Pressure Sprayer (Model PS504DC) Instruction Manual

For safe and efficient operation of your battery-powered garden sprayer.

## 1. PRODUCT OVERVIEW

The VONROC 5L Pressure Sprayer, Model PS504DC, is a battery-powered device designed for various spraying tasks in your garden. It features an integrated 4V battery, an LED display for battery status, and comes with two interchangeable spray lances for different applications. The included shoulder strap enhances portability, and the USB charging cable allows for convenient recharging.



Image 1.1: The VONROC 5L Pressure Sprayer, showing the main unit, handle, and shoulder strap.

## 2. SAFETY INSTRUCTIONS

Read all safety warnings and instructions before using this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **General Safety:** Keep the work area clean and well-lit. Do not operate the sprayer in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.

- **Personal Safety:** Always wear appropriate personal protective equipment, including eye protection, gloves, and a mask, especially when spraying chemicals. Avoid accidental starting. Ensure the switch is in the off-position before connecting to a battery pack, picking up or carrying the appliance.
- **Sprayer Use and Care:** Do not spray flammable, corrosive, or highly toxic liquids. Do not modify the sprayer. Do not immerse the sprayer in water. Keep children and bystanders away while operating the sprayer.
- **Battery Use and Care:** Recharge only with the charger specified by the manufacturer. Use the appliance only with specifically designated battery packs. Do not use a battery pack or appliance that is damaged or modified.
- **Maintenance:** Have your sprayer serviced by a qualified repair person using only identical replacement parts.

### 3. PACKAGE CONTENTS

Verify that all items listed below are present and in good condition upon unpacking your VONROC 5L Pressure Sprayer.

- 1x VONROC 5L Pressure Sprayer Unit (with integrated 4V battery)
- 1x Spray Handle
- 2x Spray Lances (different lengths/patterns)
- 1x Shoulder Strap
- 1x USB Charging Cable
- 1x User Manual



Image 3.1: Included components, showing the spray handle and two lances.

### 4. ASSEMBLY AND SETUP

## 4.1 Attaching the Shoulder Strap

1. Locate the attachment points on the sprayer unit.
2. Clip each end of the shoulder strap securely to these points.
3. Adjust the strap length for comfortable carrying.

## 4.2 Connecting the Spray Lances

1. Select the desired spray lance for your task.
2. Attach the chosen lance to the spray handle by twisting it clockwise until secure.
3. Connect the hose from the sprayer unit to the spray handle. Ensure a tight connection to prevent leaks.

## 4.3 Charging the Battery

Before first use, fully charge the integrated 4V battery.

1. Locate the USB charging port on the sprayer unit.
2. Connect the provided USB charging cable to the sprayer and to a compatible USB power adapter (not included).
3. The LED display will indicate charging status. Charge until the display shows a full charge.

## 4.4 Filling the Tank

1. Ensure the sprayer is turned off.
2. Unscrew the tank cap.
3. Pour the desired liquid (water, non-corrosive plant food, etc.) into the tank, observing the 5L maximum fill line.
4. Securely screw the tank cap back on.

# 5. OPERATING INSTRUCTIONS

## 5.1 Powering On/Off

Press the power button on the spray handle to turn the sprayer on. Press it again to turn it off.

## 5.2 Spraying Technique

1. With the sprayer powered on, aim the spray lance at the target area.
2. Press and hold the trigger on the spray handle to begin spraying.
3. Release the trigger to stop spraying.

## 5.3 Adjusting Spray Pattern

The sprayer comes with two lances, offering different spray patterns. To change the pattern, replace the currently attached lance with the other one as described in Section 4.2.

## 5.4 LED Display

The LED display on the sprayer unit indicates the current battery charge level. Monitor this display to ensure sufficient power for your tasks and to know when recharging is necessary.



Image 5.1: The sprayer in use, demonstrating its application for watering plants.

## **6. MAINTENANCE**

### **6.1 Cleaning the Tank and Nozzle**

1. After each use, empty any remaining liquid from the tank.
2. Rinse the tank thoroughly with clean water.
3. Spray clean water through the lance for a few seconds to clear any residue from the hose and nozzle.
4. If the nozzle becomes clogged, remove it and clean it with a soft brush or by rinsing under running water.

### **6.2 Battery Care and Storage**

- Store the sprayer in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, ensure the battery is partially charged (around 50-70%) to prolong its lifespan. Avoid storing with a completely empty or full battery.

- Recharge the battery every 3-6 months during long storage periods.

### 6.3 Winter Storage

If storing the sprayer for winter, ensure it is completely empty and dry to prevent freezing and damage to components.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Sprayer does not turn on	Battery is depleted	Charge the battery using the USB cable.
No spray or weak spray	Tank is empty	Refill the tank with liquid.
	Nozzle is clogged	Clean the nozzle as described in Section 6.1.
	Hose or connections are loose	Check all hose connections and tighten if necessary.
Liquid leaks from connections	Connections are not tight	Ensure all connections (tank cap, hose to handle, lance to handle) are securely tightened.

## 8. TECHNICAL SPECIFICATIONS

- **Model:** PS504DC
- **Brand:** VONROC
- **Tank Volume:** 5 Liters
- **Battery:** Integrated 4V
- **Charging:** USB (cable included)
- **Material:** Plastic
- **Hose Length:** 1.4 Meters
- **Product Dimensions (L x W x H):** 34 x 18 x 24 cm
- **Item Weight:** 1.4 kg
- **Color:** Yellow and Black
- **Recommended Use:** Watering

## 9. WARRANTY AND SUPPORT

VONROC products are designed to meet high-quality standards. This product typically comes with a 24-month warranty from the date of purchase. For warranty claims, technical support, or spare parts inquiries, please contact VONROC customer service directly. Keep your proof of purchase for warranty validation.

For further assistance, please visit the official VONROC website or contact their customer support channels.

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