

VONROC PS508DC

VONROC 10L Electric Pressure Sprayer (Model PS508DC) User Manual

Model: PS508DC

1. INTRODUCTION

Thank you for choosing the VONROC 10L Electric Pressure Sprayer. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new sprayer. Please read these instructions carefully before use and keep them for future reference.

This electric pressure sprayer is designed for various applications including gardening, weed control, and sanitation tasks. Its built-in 4V battery and USB-C charging offer convenient, continuous spraying without manual pumping.

2. SAFETY INSTRUCTIONS

Always observe basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- **Read all instructions:** Familiarize yourself with the controls and proper use of the sprayer.
- **Personal Protective Equipment:** Always wear appropriate personal protective equipment (PPE) such as safety glasses, gloves, and protective clothing, especially when spraying chemicals.
- **Ventilation:** Use the sprayer in well-ventilated areas, especially when using chemical solutions.
- **Chemical Safety:** Follow the instructions and safety warnings provided by the chemical manufacturer. Do not spray flammable liquids, strong acids, or corrosive substances.
- **Charging:** Use only the provided USB-C charging cable. Do not charge the battery in damp conditions or near flammable materials.
- **Children and Pets:** Keep the sprayer and chemicals out of reach of children and pets.
- **Storage:** Store the sprayer in a cool, dry place, away from direct sunlight and freezing temperatures.
- **Maintenance:** Disconnect the sprayer from the power source before performing any maintenance or cleaning.

3. PRODUCT OVERVIEW

The VONROC 10L Electric Pressure Sprayer comes with several key components designed for ease of use and versatility.



Figure 1: Overview of the VONROC 10L Electric Pressure Sprayer, highlighting the 10L tank, fill level indicator, shoulder straps, LED indicator, adjustable nozzle, and two spray lances (short and long).

- **10 Liter Tank:** Large capacity tank with a visible fill level indicator for easy monitoring.
- **Shoulder Straps:** Two wide straps for comfortable backpack-style carrying, ideal for extended use.
- **Electric Pump:** Integrated 4V electric pump for continuous, consistent spraying without manual effort.
- **Adjustable Nozzle:** Allows adjustment from a powerful jet stream to a fine mist spray.
- **Spray Lances:** Includes both a short and a long lance for various spraying needs and reach.
- **LED Indicator:** Provides status information, typically for battery charge or operation.
- **1.5 Meter Hose:** Provides extended reach and flexibility during operation.



Figure 2: Close-up of the sprayer handle, showing the USB-C charging port and the included charging cable.



Figure 3: The sprayer handle displayed with both the short and long spray lances, which can be interchanged based on application requirements.

4. SETUP

4.1 Charging the Battery

1. Locate the USB-C charging port on the sprayer handle (refer to Figure 2).
2. Connect the provided USB-C charging cable to the port.
3. Plug the other end of the USB-C cable into a compatible USB power adapter (not included) or a USB port.
4. The LED indicator will show the charging status. Ensure the battery is fully charged before first use for optimal performance.

4.2 Assembly

1. **Attach Shoulder Straps:** Securely attach the two wide shoulder straps to the designated points on the sprayer tank. Adjust them for a comfortable fit when worn as a backpack.
2. **Connect Hose:** Connect the 1.5-meter hose to the sprayer tank outlet and the sprayer handle inlet. Ensure connections are tight to prevent leaks.
3. **Attach Spray Lance:** Choose either the short or long spray lance and securely attach it to the end of the sprayer handle (refer to Figure 3).
4. **Attach Nozzle:** Screw the adjustable nozzle onto the end of the chosen spray lance.

5. OPERATING INSTRUCTIONS

5.1 Filling the Tank

1. Ensure the sprayer is turned off and the area is clear.

2. Unscrew the tank cap.
3. Carefully pour the desired liquid (water, fertilizer, weed killer, etc.) into the 10-liter tank. Do not overfill beyond the maximum fill line.
4. Observe the fill level indicator on the side of the tank.
5. Securely screw the tank cap back on to prevent leaks.

5.2 Spraying

1. Wear appropriate PPE as per the chemical manufacturer's instructions.
2. Turn on the sprayer using the power switch, usually located on the handle. The LED indicator may illuminate.
3. **Adjusting the Nozzle:** Rotate the adjustable nozzle at the end of the lance to change the spray pattern from a fine mist to a powerful jet stream, depending on your application needs.
4. **Initiate Spraying:** Press the trigger on the sprayer handle to begin spraying. The electric pump will provide a continuous and even spray.
5. **Stop Spraying:** Release the trigger to stop the spray.
6. After use, turn off the sprayer.

6. MAINTENANCE

6.1 Cleaning

1. After each use, especially when spraying chemicals, thoroughly clean the sprayer.
2. Empty any remaining liquid from the tank.
3. Fill the tank with clean water and spray it through the lance and nozzle until the tank is empty. Repeat this process several times to flush out all residues.
4. Clean the exterior of the sprayer with a damp cloth. Do not immerse the electrical components in water.
5. Remove and clean the nozzle and lance separately if they become clogged.

6.2 Storage

- Ensure the sprayer is clean and dry before storage.
- Store the sprayer in a cool, dry, and frost-free location, away from direct sunlight.
- Keep the sprayer out of reach of children and unauthorized persons.
- For long-term storage, ensure the battery is partially charged (around 50%) to prolong its lifespan. Recharge every few months if not in use.

7. TROUBLESHOOTING

If you encounter issues with your sprayer, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Sprayer does not turn on.	Battery is discharged.	Charge the battery using the USB-C cable.

Problem	Possible Cause	Solution
No spray or weak spray.	Tank is empty.	Refill the tank.
	Nozzle is clogged.	Clean the nozzle.
	Hose connection is loose.	Tighten all hose connections.
	Battery is low.	Charge the battery.
Leaking from connections.	Loose connections or damaged seals.	Tighten all connections. Inspect seals for damage and replace if necessary.

If the problem persists after trying these solutions, please contact VONROC customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	PS508DC
Brand	VONROC
Tank Volume	10 Liters
Power Source	Battery Powered (4V built-in battery)
Charging	USB-C
Hose Length	1.5 Meters
Product Dimensions	18.6 x 18.6 x 39.3 cm

9. WARRANTY AND SUPPORT

VONROC products are manufactured to high quality standards. In the unlikely event that you experience a defect due to material or manufacturing faults, please contact your retailer or the VONROC customer service department directly.

Please retain your proof of purchase (invoice or receipt) for any warranty claims. The warranty period and conditions are subject to the terms and conditions of the retailer and manufacturer at the time of purchase. For further assistance, technical support, or to inquire about spare parts, please visit the official VONROC website or contact their customer support channels.