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M4 M41000

MY4SONS M4 4-Gallon Battery Powered Backpack Sprayer

Instruction Manual

1. INTRODUCTION

The MY4SONS M4 4-Gallon Battery Powered Backpack Sprayer is designed for efficient and versatile application of various liquids in garden, lawn, field, and other maintenance tasks. This manual provides essential information for the safe and effective use, setup, operation, and maintenance of your sprayer.



Image: The MY4SONS M4 4-Gallon Battery Powered Backpack Sprayer, showcasing its design and included accessories.

2. SAFETY INFORMATION

Caution: Product contains pressurized chemicals. Do not expose to high temperatures. Ensure proper battery handling and charging. Avoid overpressurization of tank.

Always wear appropriate personal protective equipment (PPE) such as gloves, eye protection, and respiratory masks when handling chemicals and operating the sprayer. Ensure the work area is well-ventilated. Keep the sprayer out of reach of children and pets.

3. COMPONENTS AND FEATURES

The MY4SONS M4 Backpack Sprayer is equipped with several key components designed for durability and ease of use:

- **4-Gallon Translucent Tank:** Features a wide-mouth opening and screen filter for easy filling and to prevent debris from entering. A watertight neoprene lid seal ensures secure closure.
- **Rechargeable Lead Acid Battery:** Provides power for up to 150-200 gallons of spray per charge. Includes intuitive

indicator lights and a DC charger.

- **Durable, Reinforced Hose:** Designed to handle high temperatures and pressure.
- **Wands:** Includes a stainless-steel wand for general tasks and a heavy-duty plastic wand suitable for acid or bleach-based products.
- **Nozzles:** A selection of nozzles, including brass and fog types, allows for customizable spray patterns.
- **80 PSI Automatic Pump:** Delivers powerful spray with up to 35 feet of reach.
- **XXL Padded Shoulder Straps:** Designed for comfort during prolonged use.
- **Wand Pocket Organizer:** Convenient storage for the wand when not in use.



Image: Visual representation of the nozzle attachments, thick shoulder straps, 80 PSI pump, and efficient control panel.



Image: Close-up view highlighting the heavy-duty shoulder straps, watertight lid, wand and battery pocket organizers, and the strain relief hose.

INCLUDES SEALED LEAD ACID BATTERY



Image: The sealed lead acid battery and its dedicated compartment within the sprayer, emphasizing its long charge life.

4. SETUP

Before first use, ensure all components are securely attached. The sprayer comes largely pre-assembled, but some minor setup may be required.

- Battery Charging:** Fully charge the lead acid battery before initial use. Connect the DC charger to the sprayer's charging port and plug it into a standard electrical outlet. Indicator lights will show charging status.
- Wand and Hose Connection:** Attach the desired wand (stainless steel or plastic) to the reinforced hose. Ensure connections are tight to prevent leaks.
- Nozzle Selection:** Choose the appropriate nozzle for your application and securely attach it to the wand.
- Filling the Tank:** Unscrew the watertight lid and use the wide-mouth opening to fill the 4-gallon translucent tank with your chosen liquid. The integrated screen filter helps prevent debris from entering the pump system. Securely fasten the lid after filling.

5. OPERATING INSTRUCTIONS

Operating the MY4SONS M4 sprayer is straightforward, offering customizable spray options for various tasks.

- **Power On:** Locate the efficient control panel, typically accessible behind the left arm when worn, and switch the sprayer on.
- **Adjusting Flow:** The 80 PSI automatic pump provides consistent pressure. Adjust the flow switch as needed for your application.
- **Spraying:** Direct the wand towards the target area. The sprayer is suitable for a wide range of applications including pesticides, wood varnish, carpet cleaning, and more.
- **Nozzle Customization:** Experiment with different nozzles (brass, fog, etc.) to achieve the desired spray pattern, from a fine mist to a solid stream.



Image: A selection of nozzles provided with the sprayer, illustrating different spray patterns like fogging, solid stream, flat fan, mist, and cone spray, along with their recommended uses.



Image: A person wearing the MY4SONS M4 backpack sprayer, demonstrating its use in a vineyard setting, highlighting its portability and ease of application in agricultural environments.



Image: A close-up shot of the sprayer nozzle emitting a fine mist, demonstrating the precision and effectiveness of the spray output.

Official Product Video: Introduction to the M4 Backpack Sprayer

Your browser does not support the video tag.

Video: An introductory video provided by the seller, MY4SONS, showcasing the key features and benefits of the M4 backpack sprayer. This video highlights the sprayer's design, components, and ease of use.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your MY4SONS M4 sprayer.

- Cleaning After Use:** After each use, especially when spraying chemicals, thoroughly rinse the tank, hose, and wand with clean water. Run clean water through the pump and nozzle until clear. This prevents chemical buildup and clogs.
- Battery Care:** Always keep the battery charged, even during periods of non-use. This helps maintain battery health and extends its lifespan.
- Storage:** Store the sprayer in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the tank is empty and clean before storage.
- Nozzle and Hose Inspection:** Regularly inspect nozzles and hoses for any signs of wear, cracks, or blockages. Replace damaged parts as needed.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your sprayer.

Problem	Possible Cause	Solution
Sprayer not turning on.	Battery is not charged or disconnected.	Ensure battery is fully charged and properly connected. Check power switch.
Weak or no spray.	Clogged nozzle, low battery, air in the system, or kinked hose.	Clean the nozzle. Recharge battery. Check for air leaks or kinks in the hose.
Leaking from connections.	Loose connections or worn seals/hoses.	Tighten all connections. Inspect seals and hoses for damage and replace if necessary.
Pump runs continuously.	Leak in the system or pressure switch issue.	Check all connections for leaks. If problem persists, contact customer support.

For issues not listed here or if solutions do not resolve the problem, please refer to the support section.

8. SPECIFICATIONS

Feature	Detail
Brand	M4
Model Number	M41000
Tank Volume	4 Gallons
Power Source	Battery Powered (Rechargeable Lead Acid)
Maximum Pressure	80 PSI
Hose Length	30 Feet

Feature	Detail
Item Weight	14 Pounds
Product Dimensions	18"W x 24"H
Included Components	Multiple Nozzles, Heavy-duty Plastic Wand
Country of Origin	USA

9. WARRANTY AND SUPPORT

MY4SONS is committed to providing high-quality products and excellent customer service.

- **Warranty:** The MY4SONS M4 Backpack Sprayer comes with a 2-year warranty.
- **Service:** Customer service is available 12-7 for assistance.
- **Replacement Parts:** Low-cost replacement parts are available directly from the manufacturer.
- **Shipping:** Same-day shipping is often available for parts and products.

For any inquiries, technical support, or to order replacement parts, please visit the official MY4SONS website or contact their customer service directly. Contact information can typically be found on the product packaging or the brand's official online store.