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› PowerSmart Electric Pressure Washer User Manual

PowerSmart PS20201

PowerSmart Electric Pressure Washer User Manual

Model: PS20201 | Brand: PowerSmart

1. INTRODUCTION

Thank you for choosing the PowerSmart Electric Pressure Washer. This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your pressure washer. Please read this manual thoroughly before first use and keep it for future reference.



Figure 1: PowerSmart Electric Pressure Washer with included accessories.

2. SAFETY INFORMATION

WARNING: Always follow basic safety precautions when using this product to reduce the risk of injury or damage.

- Read all instructions before using the pressure washer.
- Do not direct the water stream at people, pets, or electrical devices.
- Wear appropriate personal protective equipment, including eye protection.
- Ensure the power cord and hose are free from damage before each use.
- Always disconnect the power supply before performing any maintenance or cleaning.
- Do not operate the pressure washer in freezing temperatures to prevent damage to internal components.

3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- PowerSmart Electric Pressure Washer Unit
- 13" PP Trigger Gun
- 23' High Pressure Hose
- Foam Cannon / Soap Tank
- Adjustable Nozzle (All-in-one type)
- 35' Power Cord (integrated)
- User Manual

PS2020 Electric Pressure Washer



35' Power Cord
Flexible reach

13" PP Trigger Gun
Rust-resistant

Soap Tank
Simplified cleaning



23' High Pressure Hose
Flexible reach



Figure 2: Key components of the PowerSmart PS2020 Electric Pressure Washer.

4. ASSEMBLY

The PowerSmart Electric Pressure Washer is designed for straightforward assembly. Some components may require a few wrenches for secure connection.

1. Attach the handle assembly to the main unit.
2. Connect the high-pressure hose to the pressure washer outlet and the trigger gun. Ensure all connections are tight to prevent leaks.
3. Connect your garden hose to the water inlet on the pressure washer.
4. Attach the desired nozzle to the trigger gun. The unit features an all-in-one adjustable nozzle for various spray patterns.
5. If using detergent, fill the foam cannon/soap tank with appropriate pressure washer detergent and attach it to the trigger gun.

5. OPERATION

5.1 Initial Setup

- Place the pressure washer on a stable, level surface.
- Connect the garden hose to a water supply and turn on the water fully.
- Squeeze the trigger gun to purge air from the system until a steady stream of water emerges. This protects the pump.
- Plug the 35' power cord into a grounded electrical outlet.

5.2 Starting the Unit

- Turn on the power switch located on the unit. The motor will start briefly and then shut off once pressure is built.
- Point the nozzle away from yourself and others, then squeeze the trigger to begin spraying. The motor will run continuously while the trigger is depressed.
- Release the trigger to stop the water flow. The motor will automatically shut off to preserve pump life.

5.3 Using the Adjustable Nozzle

The PowerSmart PS20201 features an all-in-one adjustable nozzle, eliminating the need for multiple tips. Rotate the nozzle head to switch between different spray patterns, from a concentrated 0° direct stream for tough spots to a wide 40° fan spray for broader cleaning.

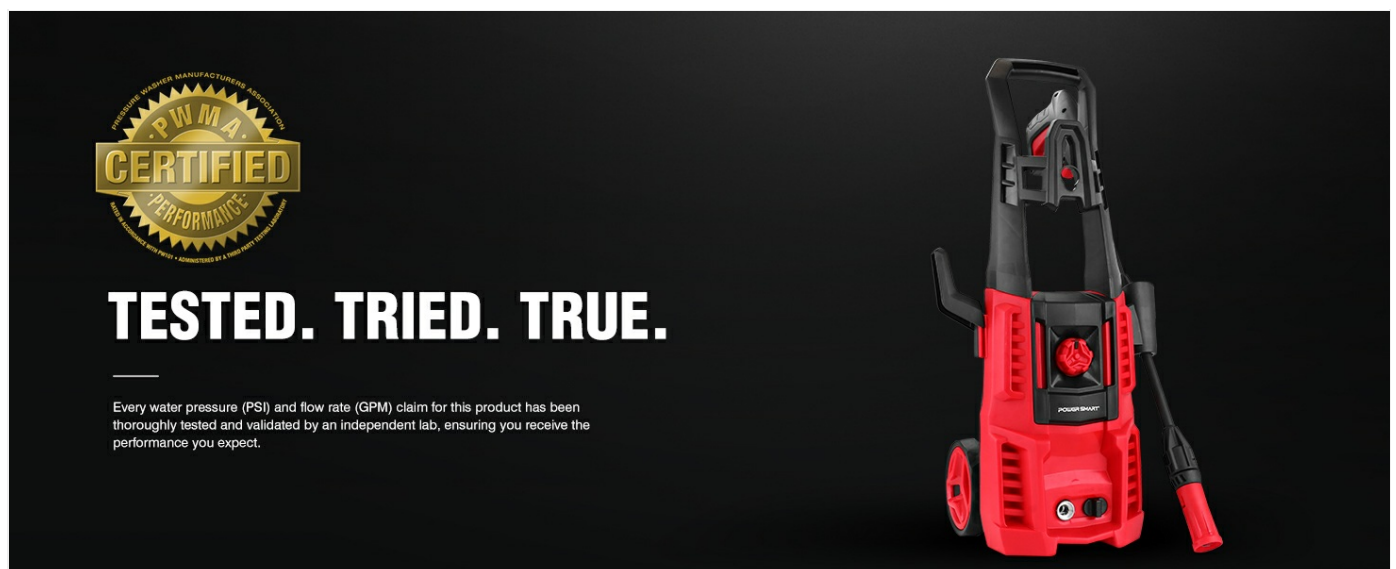


Figure 3: Adjustable nozzle with various spray patterns.

5.4 Detergent Application (Foam Cannon)

- Fill the foam cannon with pressure washer safe detergent.
- Attach the foam cannon to the trigger gun.

- Ensure the nozzle is set to a low-pressure setting (often indicated by a wider spray or specific detergent setting on the adjustable nozzle).
- Spray detergent onto the surface to be cleaned. Allow it to soak for a few minutes before rinsing.
- After applying detergent, remove the foam cannon and reattach the standard nozzle for rinsing.

POWERSMART VS OTHERS



Rated 1850 PSI

Pressure Tested per PWMA Standard



VS



Rated 1200 PSI

Advertised pressure 3200 PSI, tested 1200 PSI



Figure 4: Using the foam cannon for detergent application.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your pressure washer.

- **After Each Use:**
 - Turn off the water supply and power switch.
 - Squeeze the trigger gun to release any remaining pressure in the system.
 - Disconnect the garden hose and high-pressure hose.
 - Drain any remaining water from the pump by tilting the unit.
 - Clean the exterior of the unit with a damp cloth.
- **Nozzle Cleaning:** If the nozzle becomes clogged, use the included nozzle cleaning tool (if applicable) or a small wire to clear any debris.
- **Inlet Filter:** Periodically check and clean the water inlet filter to prevent debris from entering the pump.

7. STORAGE

Proper storage is crucial, especially in colder climates.

- Store the pressure washer in a dry, indoor location where temperatures will not drop below freezing. Freezing water inside the pump can cause severe damage.
- Drain all water from the unit, hoses, and accessories before storing. Consider using a pump protector/antifreeze solution if storing in an unheated area.
- Coil the high-pressure hose and power cord neatly and store them on the designated hangers on the unit.
- Store the trigger gun and nozzles securely to prevent loss or damage.



Figure 5: The PowerSmart pressure washer is lightweight and portable for easy storage and transport.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Motor does not start	No power supply; tripped circuit breaker; power switch off.	Check power connection; reset circuit breaker; turn power switch ON.
Low pressure	Insufficient water supply; clogged nozzle; air in pump; kinked hose.	Ensure full water flow; clean nozzle; purge air from system; straighten hose.
Water leaks from connections	Loose connections; worn O-rings.	Tighten connections; replace O-rings if damaged.
Motor cycles on and off	Air in pump; pressure build-up issue.	Purge air from system; check for leaks.

9. SPECIFICATIONS

Feature	Detail
Model	PS20201
Maximum Pressure	1850 PSI (Pounds per Square Inch)
Maximum Flow Rate	1.8 GPM (Gallons Per Minute)
Power Source	Electric (AC)
Item Weight	14 Pounds
Product Dimensions (L x W x H)	12.6" x 9.8" x 26"
High Pressure Hose Length	23 Feet
Power Cord Length	35 Feet
Wand Length	13 Inches
Color	Red & Black

The 1850 PSI cleaning power is professionally tested and independently verified by PWMA standards, ensuring reliable performance.



TESTED. TRIED. TRUE.

Every water pressure (PSI) and flow rate (GPM) claim for this product has been thoroughly tested and validated by an independent lab, ensuring you receive the performance you expect.



Figure 6: PWMA Certified Performance ensures accurate specifications.

10. WARRANTY AND SUPPORT

PowerSmart offers a **2-Year Service** warranty for this product. For any issues, repairs, or replacement parts, please contact PowerSmart customer support. PowerSmart has over 500 certified repair centers in the U.S. and provides full

replacement parts through its IL headquarters.
For further assistance, visit the official PowerSmart store:[PowerSmart Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question