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Greenworks PW80L420

Greenworks 80V 3000 PSI Pressure Washer User Manual

Model: PW80L420

INTRODUCTION

The Greenworks 80V 3000 PSI Pressure Washer is designed for powerful and efficient cleaning of various outdoor surfaces. This battery-powered unit offers portability and robust performance, making it suitable for tasks such as cleaning siding, fences, patios, driveways, and vehicles. It features a TRUBRUSHLESS™ motor for enhanced power and durability, along with multiple nozzle options for versatile cleaning applications.



Figure 1: Greenworks 80V 3000 PSI Pressure Washer with included batteries and charger.

SETUP

1. **Unpacking and Assembly:** Carefully remove all components from the packaging. Assemble the handle and attach the spray gun holder.

greenworks 80V 3000 PSI Pressure Washer

(2) 4.0 Ah Batteries and Charger



Figure 2: Front view of the pressure washer, showing its compact design.

- Battery Installation:** Ensure the pressure washer is turned off. Insert the fully charged 80V 4.0Ah batteries into the dual-port battery powerhead until they click into place.
- Water Source Connection:**
 - **Garden Hose:** Connect a standard garden hose to the water inlet on the pressure washer. Ensure a secure, leak-free connection.
 - **Siphon Hose (Self-Primed):** For drawing water from a standing source (e.g., bucket, water tank), connect the included 6-foot siphon hose to the water inlet. Ensure the filter end of the siphon hose is submerged in the water source.



Figure 3: Connecting the 6-foot siphon hose for drawing water from alternative sources.

4. **High-Pressure Hose Connection:** Connect the 25-foot steel-braided kink-resistant high-pressure hose to the pressure washer's outlet and to the spray gun. Hand-tighten all connections securely.



6' SIPHON HOSE

DRAWS WATER FROM ANY FRESH WATER SOURCE

Figure 4: The 25-foot steel-braided hose provides extended reach and resists kinking.

5. **Nozzle Attachment:** Select the appropriate quick-connect nozzle tip for your task and insert it into the spray gun's quick-connect coupler until it snaps into place. The unit includes 15°, 25°, and 40° nozzles, a turbo nozzle, and a soap nozzle.



25' STEEL-BRAIDED HOSE

GREATER REACH & KINK-RESISTANT

Figure 5: The 1/4 inch universal quick-connect coupler allows for easy nozzle changes.

OPERATING INSTRUCTIONS

- 1. Powering On:** Turn on the water supply to the pressure washer. Press the easy push-button start to power on the unit.
- 2. Priming the Pump:** Before starting, squeeze the trigger on the spray gun to purge air from the system until a steady stream of water emerges. This primes the pump and ensures proper operation.
- 3. Selecting Operating Mode:**
 - **Standard Mode:** Provides full power (up to 3000 PSI with turbo nozzle) for tough cleaning tasks.
 - **ECO Mode:** Activate the power-saving ECO mode switch for lighter cleaning jobs, reducing pressure and extending battery runtime. This mode delivers approximately 2200 PSI.
- 4. Using Nozzle Tips:**
 - **15° Nozzle:** Ideal for concentrated cleaning on bricks and concrete.
 - **25° Nozzle:** Best for cleaning wood surfaces and outdoor furniture.
 - **40° Nozzle:** Suitable for multipurpose cleaning, including house and window washing.

- **Turbo Nozzle:** Provides a powerful, rotating stream for tough applications like heavily soiled bricks, concrete, and hard surfaces.



INTEGRATED CONVENIENCE

BUILT-IN ACCESSORY STORAGE

Figure 6: The turbo nozzle is designed for effective cleaning of stubborn dirt.

- **Soap Nozzle:** Use with detergent for soap application on any surface. Fill the on-board soap tank with appropriate pressure washer detergent.
5. **Cleaning Technique:** Always start spraying away from the surface to be cleaned and move the spray towards it. Maintain a consistent distance from the surface to avoid damage.
 6. **Shutting Down:** Release the spray gun trigger. Turn off the pressure washer using the power button. Turn off the water supply. Squeeze the trigger again to release any remaining pressure in the system. Disconnect hoses and store the unit.

MAINTENANCE

- **Cleaning Nozzles:** Regularly inspect and clean nozzle tips to prevent blockages and maintain optimal spray patterns. Use the included nozzle cleaning tool if necessary.
- **Hose Inspection:** Check the high-pressure hose for any kinks, cuts, or damage before each use. Replace if damaged.

- **Water Inlet Filter:** Periodically clean the water inlet filter to ensure a steady flow of clean water to the pump.
- **Battery Care:** Store batteries in a cool, dry place. For long-term storage, ensure batteries are partially charged (around 50%) to prolong their lifespan.
- **Winterization:** If storing in freezing temperatures, ensure all water is drained from the pump and hoses to prevent damage. Consider using a pump protector solution.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No water pressure or low pressure	<ul style="list-style-type: none"> Insufficient water supply Air in the pump Clogged nozzle Kinked hose 	<ul style="list-style-type: none"> Ensure water supply is fully open. Prime the pump by squeezing the trigger until steady water flow. Clean or replace nozzle. Straighten the hose.
Unit does not start	<ul style="list-style-type: none"> Dead or uncharged battery Battery not properly inserted 	<ul style="list-style-type: none"> Charge batteries fully. Re-insert batteries securely.
Water leaking from connections	<ul style="list-style-type: none"> Loose connections Damaged O-rings 	<ul style="list-style-type: none"> Tighten all connections. Inspect and replace O-rings if damaged.

SPECIFICATIONS

- **Brand:** Greenworks
- **Model Number:** PW80L420
- **Power Source:** 80V DC (Battery-powered)
- **Maximum Pressure:** 3000 PSI (with Turbo Nozzle)
- **Maximum Flow Rate:** 2.0 GPM
- **ECO Mode Pressure:** 2200 PSI (1.0 GPM)
- **Hose Length:** 25 feet (Steel-Braided, Kink-Resistant)
- **Siphon Hose Length:** 6 feet
- **Maximum Inlet Water Temperature:** 104°F (40°C)
- **Product Dimensions:** 20.28"L x 18.7"W x 24.21"H
- **Item Weight:** 62.9 pounds
- **Motor Type:** TRUBRUSHLESS™
- **Included Batteries:** (2) 4.0Ah Lithium Ion batteries
- **Included Charger:** Dual Port Rapid Charger
- **Certification:** PWMA (Pressure Washer Manufacturers Association)



TURBO NOZZLE

FOR TOUGH JOBS

Figure 7: Key performance specifications of the Greenworks 80V Pressure Washer.

The logo consists of the number '80' in a bold, green, sans-serif font, followed by a smaller 'V' in the same style. The background of the entire top section is a dark, futuristic image of a motor with glowing green energy lines.

**Holds Charge
For 12+ Months**

LONG LASTING POWER

ADVANCED LITHIUM ION

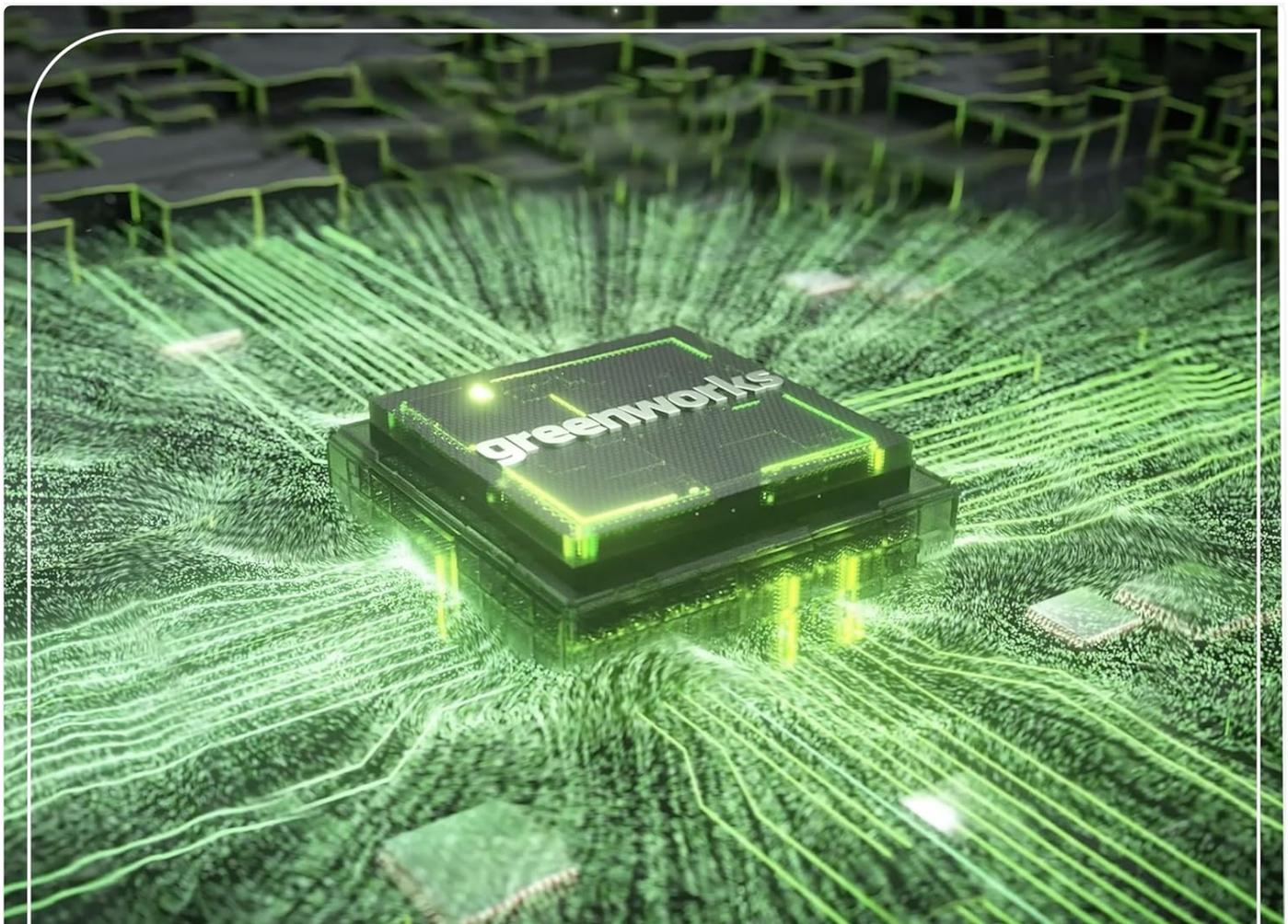
Figure 8: The TRUBRUSHLESS™ motor provides powerful and efficient operation.

WARRANTY AND SUPPORT

The Greenworks 80V 3000 PSI Pressure Washer comes with a comprehensive warranty to ensure your peace of mind:

- **Tool Warranty:** 4-Year Limited Warranty
- **TRUBRUSHLESS™ Motor Warranty:** 10-Year Limited Warranty

For warranty claims, technical assistance, or to purchase replacement parts, please contact Greenworks Customer Support. Refer to the official Greenworks website or the product packaging for the most current contact information.



Intelligent™
Power

TRUBRUSHLESS™
Motor

Figure 9: Greenworks provides a 4-year tool warranty and a 10-year motor warranty.