

Ingco HPWR18008

Ingco HPWR18008 High Pressure Washer User Manual

Model: HPWR18008

1. INTRODUCTION

Thank you for choosing the Ingco HPWR18008 High Pressure Washer. This manual provides essential information for the safe and efficient operation, assembly, maintenance, and troubleshooting of your pressure washer. Please read this manual thoroughly before using the product and keep it for future reference.

The Ingco HPWR18008 is an 1800-Watt high-pressure washer designed for various cleaning tasks, featuring a 150 Bar (2200 PSI) maximum pressure, an auto shut-off (TSS) system, and a copper wire induction motor for reliable performance.

2. SAFETY INFORMATION

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Failure to follow these instructions may result in serious injury or property damage.

- **Read all instructions:** Familiarize yourself with the controls and proper use of the equipment.
- **Wear appropriate safety gear:** Always wear eye protection, hearing protection, and protective clothing.
- **Electrical safety:** Ensure the power supply matches the voltage specified on the product. Use a ground fault circuit interrupter (GFCI) for electrical outlets. Do not operate with damaged cords or plugs.
- **Water pressure:** Never direct the water jet at people, animals, electrical equipment, or the unit itself. High-pressure jets can be dangerous if misused.
- **Keep children and bystanders away:** Do not allow children or untrained persons to operate the pressure washer.
- **Stable surface:** Operate the pressure washer on a stable, level surface to prevent tipping.
- **Disconnect power:** Always disconnect the power supply before performing any maintenance or cleaning.

3. PRODUCT OVERVIEW AND COMPONENTS

The following diagram illustrates the main components of your Ingco HPWR18008 High Pressure Washer and its accessories.

Product Features



Image Description: An exploded view diagram of the Ingco HPWR18008 High Pressure Washer, highlighting its various parts. Labeled components include the main unit with handle, spray lance, unique design spray gun, quick connector, 5-meter high-pressure hose, water outlet, power cord hook, switch, copper wire motor (internal view), and water inlet connector.

- **Main Unit:** Houses the motor, pump, and controls.
- **Handle:** For easy transport and maneuverability.
- **Spray Lance:** The extension for directing the water jet.
- **Spray Gun:** Controls the water flow and pressure.
- **Quick Connector:** For attaching the high-pressure hose.
- **High-Pressure Hose (5m):** Connects the main unit to the spray gun.
- **Water Outlet:** Where the high-pressure hose connects to the unit.
- **Power Cord Hook:** For tidy storage of the power cord.
- **Switch:** On/Off control for the unit.
- **Copper Wire Motor:** The internal motor providing power.
- **Water Inlet Connector:** For connecting the garden hose to the unit.
- **Soap Bottle:** For applying detergent (included).

4. SETUP AND ASSEMBLY

Follow these steps to assemble and prepare your pressure washer for use.

1. **Unpack Components:** Carefully remove all parts from the packaging. Ensure all listed components are present.
2. **Attach Handle:** Secure the handle to the main unit if it is not pre-assembled. Refer to the product diagram for correct positioning.
3. **Connect High-Pressure Hose:**
 - Connect one end of the 5-meter high-pressure hose to the water outlet on the main unit. Tighten securely.
 - Connect the other end of the high-pressure hose to the quick connector on the spray gun. Ensure a firm connection.
4. **Assemble Spray Lance and Gun:** Attach the spray lance to the spray gun. Twist until it locks into place.
5. **Connect Water Supply:**
 - Connect a standard garden hose (not included) to the water inlet connector on the pressure washer.
 - Connect the other end of the garden hose to a water tap.
 - Ensure the water supply is turned on fully before starting the pressure washer.
6. **Electrical Connection:** Plug the power cord into a grounded electrical outlet (220-240V~50/60Hz) protected by a GFCI.



Image Description: The Ingco HPWR18008 High Pressure Washer main unit is shown with its included accessories, including the spray gun, spray lance, high-pressure hose, and water inlet connector, laid out on a flat surface, illustrating the components ready for assembly.

5. OPERATING INSTRUCTIONS

Before operating, ensure all connections are secure and the water supply is fully open.

1. **Purge Air from System:** Before turning on the power, squeeze the trigger on the spray gun to allow water to flow through the system and expel any trapped air. Continue until a steady stream of water emerges.
2. **Start the Pressure Washer:** Turn the power switch to the "ON" position. The motor will start.
3. **Begin Cleaning:** Direct the spray gun nozzle towards the surface to be cleaned. Squeeze the trigger to activate the high-pressure spray.
4. **Adjust Spray Pattern:** The spray lance may allow for adjustment of the spray pattern (e.g., from a narrow jet to a wider fan spray) by twisting the nozzle.
5. **Using Detergent (Optional):**

- Fill the included soap bottle with appropriate pressure washer detergent.
- Attach the soap bottle to the designated inlet on the spray gun or lance (refer to product diagram).
- The pressure washer will draw detergent and mix it with the water at a lower pressure setting.
- After applying detergent, rinse the surface with clear high-pressure water.

6. **Auto Shut-Off (TSS):** The Total Stop System (TSS) automatically shuts off the pump when the trigger is released, saving energy and extending pump life. The pump restarts when the trigger is squeezed again.

7. **Shutting Down:**

- Turn the power switch to the "OFF" position.
- Turn off the water supply at the tap.
- Squeeze the spray gun trigger to release any remaining pressure in the system.
- Disconnect the garden hose and high-pressure hose.



The infographic consists of six yellow circular icons arranged in a 2x3 grid, each with a black icon and text below it:

- Save Water and Electricity**: Icon shows a water drop and a lightning bolt with "-70%" below it.
- A Higher Pressure**: Icon shows a pressure gauge with a "P" in the center.
- Longer Life**: Icon shows a clock face with a circular arrow around it.
- Total Stop System**: Icon shows a power button symbol (a circle with a vertical line and a curved arrow).
- High Power**: Icon shows a mechanical pump or motor.
- Water Proof**: Icon shows a water drop and a lightning bolt inside a square frame.

Below the infographic is a photograph of a black car being cleaned by a high-pressure washer. The washer's lance is directed at the front wheel. Overlaid on the bottom left of the photo is the text:

High Pressure Could Sweep Thoroughly
140Bar | 1800w

Image Description: This image displays the Ingco HPWR18008 High Pressure Washer in action, cleaning a car wheel. It also highlights key features such as "Save Water and Electricity," "A Higher Pressure," "Longer Life," "Total Stop System," "High Power," and "Water Proof," indicating the benefits of the product.

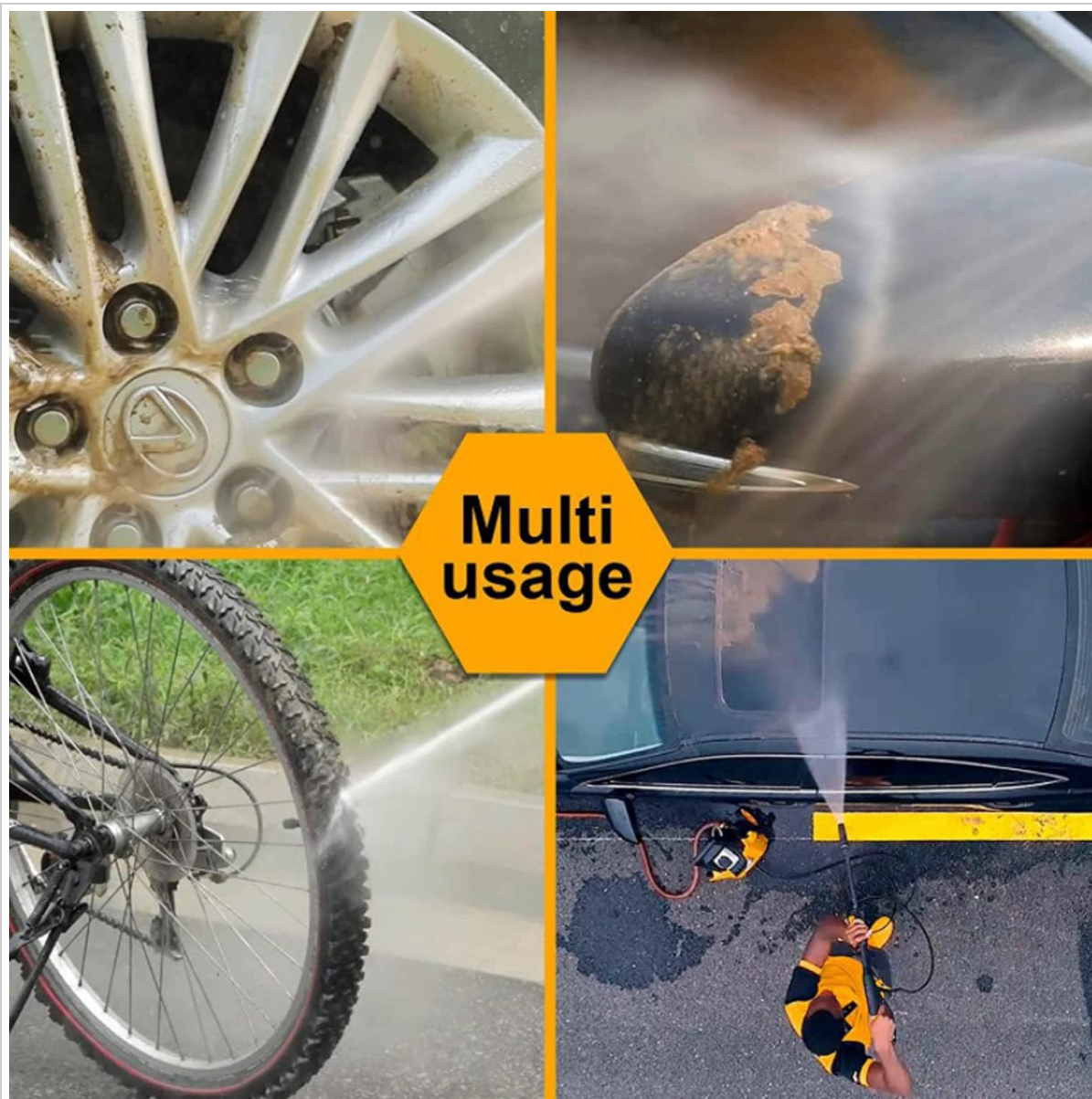


Image Description: A collage demonstrating the versatile applications of the pressure washer. It shows the unit being used to clean a car wheel, remove rust from a metal surface, clean a bicycle, and wash a car from an aerial perspective, illustrating its "Multi usage" capability.

6. MAINTENANCE

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

- **Cleaning Nozzle:** If the nozzle becomes clogged, use the included nozzle cleaning tool (if applicable) to clear any debris.
- **Water Inlet Filter:** Regularly check and clean the water inlet filter to prevent debris from entering the pump.
- **Hose and Connections:** Inspect the high-pressure hose, spray gun, and connections for any signs of wear, leaks, or damage before each use. Replace damaged parts immediately.
- **Storage:**
 - Drain all water from the pump and hoses before storing, especially in freezing temperatures.
 - Store the pressure washer in a dry, frost-free area.
 - Coil the high-pressure hose and power cord neatly using the integrated hooks.

7. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not start	No power supply; Faulty power cord/plug; GFCI tripped.	Check power connection; Reset GFCI; Contact service if cord/plug is damaged.
Low pressure	Insufficient water supply; Clogged nozzle; Air in pump; Leaks in hose/connections.	Ensure water tap is fully open; Clean nozzle; Purge air from system; Check for leaks and tighten connections.
Motor stops frequently (TSS)	Normal operation (Total Stop System); Overheating.	This is normal when trigger is released. If stopping during use, allow unit to cool down.
Water leaks	Loose connections; Damaged O-rings or seals.	Tighten all connections; Inspect and replace O-rings/seals if damaged.

8. SPECIFICATIONS

Feature	Specification
Model Number	HPWR18008
Voltage	220-240V~50/60Hz
Power	1800 Watts
Max Pressure	150 Bar (2200 PSI)
Flow Rate	6.0 Liters/min
Motor Type	Carbon brush motor (with copper wire)
Auto Stop System	Yes (TSS)
Hose Length	5 Meters (High-pressure hose)
Product Dimensions (L x W x H)	28 x 18 x 18 cm
Item Weight	450 Grams <i>(Note: This weight appears unusually low for a pressure washer, please refer to product packaging for exact weight.)</i>
Material Type(s)	Copper (for motor winding)
Power Source	Corded Electric
Certifications	CE, CSA

Note: Specifications are subject to change without notice for product improvement.

9. WARRANTY AND SUPPORT

Ingco products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your purchase or contact your local Ingco dealer or customer service center. Keep your proof of purchase for warranty claims.

For further assistance, visit the official Ingco website or contact their customer support.