



说明书材质要求：105g 有光铜版纸	说明书成品尺寸：105*143mm
Black（单色印刷）	
折叠方式：风琴折（20P以下用风琴折）	备注：
特别注意：此页内容不印刷	

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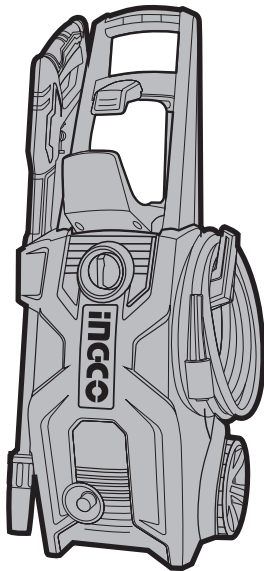
更改记录	1. HPWR18008转			1. 增加P货号 2. 系统无法提交， 增加版本号为V07			
	0424.V01	2024.04.26	YJJ	0924.V07	2024.09.9	Bonita	
	版本号	日期	设计师	版本号	日期	设计师	

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**PRODUCT
MANUAL**

HIGH PRESSURE WASHER



HPWR20018 HPWR20018xy UHPWR20018
x(blank, 1,2,3,4,5,6,7,8,9,E,S,A,M,P)
y(blank,-1,-2,-3,-4,-5,-6,-7,-8,-9,E,S,A,M,P)



SCAN FOR VIDEO

GENERAL SAFETY WARNINGS

WARNING!

Please read and comply with these original instructions prior to the initial operation of your appliance and store them for later use or subsequent owners.

Apart from the notes contained herein the general safety provisions and rules for the prevention of accidents of the legislator must be observed.

Warnings and notes that are attached on the appliance provide important notes for the safe operation.

Hazard levels

DANGER!

Pointer to immediate danger, if not avoided, which leads to severe injuries or death.

WARNING!

Pointer to a possibly dangerous situation, if not avoided, which can lead to severe injuries or death.

CAUTION!

Pointer to a possibly dangerous situation, if not avoided, which can lead to minor injuries.

ATTENTION!

Pointer to a possibly dangerous situation, which can lead to property damage.

Electric components

DANGER!

Risk of electric shock.

- a) **Never touch the mains plug and the socket with wet hands.**
- b) **Check the power cord with mains Plug for damage prior to every use.** Do not use the machine if a supply cord or important parts of the machine are damaged, e.g., safety devices, high pressure hoses, trigger gun.
- c) **All current-conducting parts in the working area must be protected against jet water.**
- d) **The mains plug and the coupling of an extension cable must be**

watertight and must never lie in water. Moreover, the coupling may never lie on the ground. The use of cable reels that ensure that the sockets are at least 60 mm above the ground is commended.

- e) **Make sure that the power cord or extension cable is not damaged by running over, pinching, dragging or the like.** Protect the power cords from heat, oil, and sharp edges.
- f) **Always switch off the mains disconnecting switch when leaving the appliance unattended.**

⚠ WARNING!

The appliance may only be connected to an electric supply that has been installed by an electrician in accordance with IEC 60364.

- g) **The appliance may only be connected to alternate current.** The voltage must correspond with the type plate of the appliance.
- h) **For safety reasons, we recommend that you operate the appliance only via a residual current device (max. 30mA).**
- i) **An unsuitable electrical extension cable can be hazardous.** Only use an electrical extension cable which has been approved and labeled for this purpose and has an adequate cable cross-section outdoors: 1 - 10m: 1.5 mm²; 10 - 30m: 2.5 mm²
- j) **Always fully unreel the extension cable from the cable drum.**

Safe handling

⚠ DANGER!

- a) **The user must be the appliance as intended.** The person must consider the local conditions and must pay attention to other persons in the vicinity when working with the appliance.
- b) **Check important components, such as high-pressure hose, hand spray gun and safety installations, for damage prior to every operation.** Immediately replace damaged components. Do not operate appliance with damaged components.
- c) **The appliance has been designed for use with the cleaning agent supplied or recommended by the manufacturer.** The use of the other cleaning agents or chemicals may adversely affect the safety of the appliance.
- d) **High-pressure jets can be dangerous if subject to misuse.** The jet must not be directed at persons, live electrical equipment or the machine itself.

- e) **Do not direct the jet against yourself or others in order to clean clothes or foot-wear.**
- f) **Do not use the appliance within range of persons unless they wear protective clothing.**
- g) **Wear appropriate Personnel Protection Equipment (PPE) while operating the appliance.**

⚠ WARNING!

- a) **The appliance must not be operated by children or untrained personnel.**
- b) **This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capacities, or lacking experience and knowledge.**
- c) **Children must not play with this appliance.**
- d) **Supervise children to prevent them from playing with the appliance.**
- e) **Create stability for the appliance prior to any work on or with the appliance to prevent accidents damage.**
- f) **The water jet that is emitted from the high-pressure nozzle results in a repulsion power acting on the hand spray gun. Make sure that you have a firm footing and are also holding the hand spray gun and spray lance firmly.**
- g) **Never leave the appliance unattended as long as it is in operation.**

⚠ ATTENTION!

In case of extended breaks, switch the appliance off at the main switch or pull the mains plug.

Do not operate the appliance at temperatures below 0°C

Other risks

⚠ DANGER!

- a) **The appliance may not be operating in explosive atmospheres.**
- b) **Risk of explosion- Do not spray flammable liquids.**
- c) **Never draw in fluids containing solvents or undiluted acids and solvents! This includes petrol, paint thinner and heating oil. The spray mist is highly inflammable, explosive and poisonous. Do not use acetone, undiluted acids and solvents, as they corrode the materials used on the appliance.**
- d) **Never use the product with inflammable or toxic liquids, or liquids with characteristics incompatible with its proper operation.**

- e) **Keep packaging films away from children, there is a risk of suffocation!**

⚠ WARNING!

- a) **According to applicable regulations, the appliance must never be used on the drinking water net without a system separator.** Ensure that the connection of your building water installation on which the high-pressure cleaner is operated is equipped with a system separator pursuant
- b) **Water that has flown through backflow preventers is considered to be non-potable.**
- c) **High-pressure hoses, fittings and couplings are important for the safety of the appliance.** Only use high-pressure hoses, fittings and couplings recommended by the manufacturer.
- d) **To ensure applicable safety, use only original spare parts from the manufacturer or approved by the manufacturer.**
- e) **Switch the product off and disconnect it from the power supply removing the power plug from the socket outlet before assembly, cleaning, adjustments, maintenance, storage and transportation or converting the product to another function.**

⚠ CAUTION!

- a) **Mind the weight of the appliance when selecting the storage location and during transport to prevent accidents or injuries.**
- b) **Several hours of continuous use of the appliance can lead to numbness in the hands in rare cases.**
 - 1) Wear gloves.
 - 2) Keep hands warm.
 - 3) Take breaks at regular intervals. Working with detergent

⚠ WARNING!

- a) **The improper use of detergents can cause severe injuries or oxidation.**
- b) **Store cleaning agent away from the reach of children.**
- c) **Discharge residual pressure before disconnecting the hose from the product.**
- d) **Check before each use, and at regular intervals, that all metal fasteners are tight and the product's components are in good condition; Inspect for broken or worn parts.**
- e) **Be aware of kick-back: Hold with Both Hands.**

RESIDUAL RISKS

Even if you are operating this product in accordance with all the safety requirements, potential risks of injury and damage remain. The following dangers can arise in connection with the structure and design of this product:

1. Health defects resulting from vibration emission if the product is being used over long periods of time or not adequately managed and properly maintained.
2. Danger of injury and property damage caused by flying objects.
3. Injuries and damage to property due to broken accessories or the sudden impact of hidden objects during use.

Safety devices

CAUTION!

Safety installations serve the protection of the user and may not be modified.

Power switch

The appliance switch prevents unintentional operation of the appliance.

Lock trigger gun

This lock locks the lever of the trigger gun and prevents the inadvertent start of the appliance. Overflow valve with water that has flowed through backflow preventers is considered to be non-potable.

Pressure switch

If the lever on the trigger gun is released the pressure switch turns off the pump, the high-pressure jet is stopped. If the lever is pulled the pump is turned on again.

Motor protection switch

The motor protection switches off the device if the power consumption is high.

Personal protective equipment

CAUTION!

Wear protective clothing and safety goggles to protect against splash back containing water or dirt.

During the use of high-pressure cleaners' aerosols can develop. Inhaling aerosols can cause health damage.

Depending on the application, completely shielded nozzles (e.g., surface cleaner) that significantly reduce the emission of aqueous aerosols can be used for high-pressure cleaning.

The use of such shielding is not possible with all applications.

THE SYMBOLS IN INSTRUCTION MANUAL

	Read the instruction manual before using.
	Safety alert. Please only use the accessories supported by the manufacturer.
	Wear safety glasses, hearing protection and dust mask.
	Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.
	The appliance must not be directly connected to the public drinking water network.
	Sound power level is 92dB(A)
	The high-pressure jet must not be directed at persons, animals, live electrical equipment or at the appliance itself.

ADDITIONAL SAFETY WARNING

This high-pressure washer is designated with a rated input current. The intended use of this product covers the cleaning of vehicles, buildings, terraces, facades and garden equipment using clean water and biodegradable chemical detergents. Likewise, the product can be used to clean paving slabs or rain gutters.

This product may not be used to clean clothing, shoes and other textiles. The water jet should not be directed against persons. Animals, any electrical equipment or on the product itself. Do not flush any objects which contain health hazardous materials. The product must not be run with inflammable, explosive and toxic liquids.

For safety reasons it is essential to read the entire instruction manual before first operation and to observe all the instructions there in.

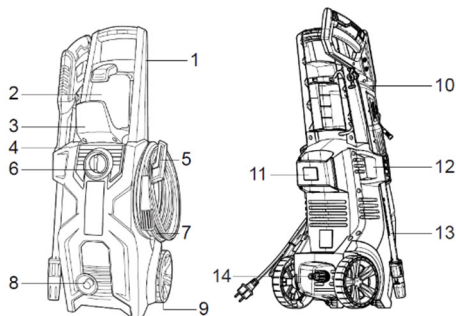
INTENDED USE

Use this pressure washer for private households only.

The user bears sole responsibility for any damage caused by inappropriate use.

Generally accepted accident prevention regulations and the enclosed safety information must be observed.

SPECIFICATIONS



Components

- | | |
|----------------------------|---------------------------|
| 1. Handle | 8. Water outlet |
| 2. Detergent bottle | 9. Wheel |
| 3. High-pressure hose hook | 10. Trigger gun |
| 4. High-pressure hose | 11. Spray wand holder |
| 5. Power cord hook | 12. Trigger gun holder |
| 6. Adjust switch OFF/ON | 13. Spray wand |
| 7. Power cord front case | 14. Water inlet rear case |

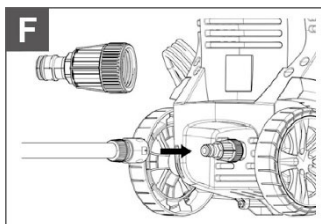
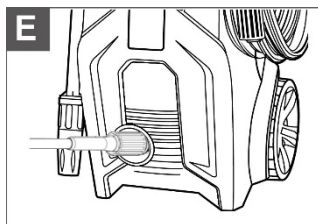
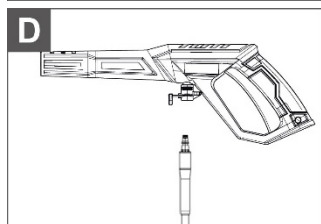
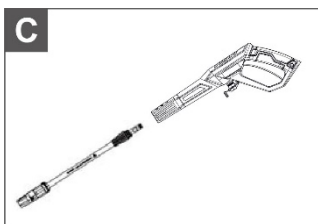
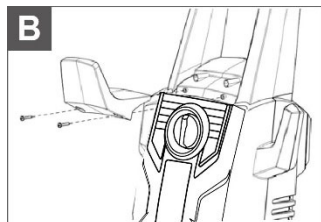
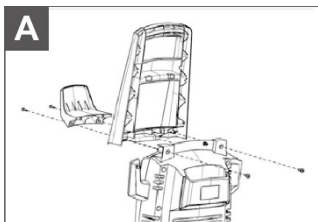
Technical specifications

Model No.	HPWR20018 HPWR20018xy	UHPWR20018
Voltage	220-240V ~	110-120V~
Frequency	50/60Hz	60Hz
Input power	2000W	2000W
Degree of protection	IPX5	IPX5
Rated pressure	11Mpa (110Bar 1595psi)	11Mpa (110Bar 1595psi)
Max pressure	16Mpa (160Bar 2320psi)	16Mpa (160Bar 2320psi)
Flow rate	6.0L/min	6.0L/min

Model No. Note: x (blank, 1,2,3,4,5,6,7,8,9,E,S,A,M,P); y (blank, -1,-2,-3,-4,-5,-6,-7,-8,-9,E,S,A,M,P)

- Due to our continuing program of research and development, the specifications herein are subject to change without notice.

OPERATION PICTURE



ASSEMBLY

Mount loose parts delivered with appliance prior to start-up.

1. Installing the handle hookⁱ(see Figure A)
2. Installing the High-pressure hose hook. (see Figure B)
3. Installing the spray wand to trigger gun. (see Figure C)
4. Connect the high pressure hose to the trigger gun. (see Figure D)
5. Connect the high-pressure hose to the water outlet(see Figure E)
6. Connect the garden hose to the water inlet. (see Figure F)

Start up

Park the appliance on an even surface. Insert the mains plug into the socket.

Water supply

For connection values, see type plate.

ATTENTION!

Impurities in the water can damage the high-pressure pump and the accessories.

Water supply from mains

Drawing in water from the open reservoirs. This high-pressure cleaner is suited to work with the suction hose with backflow valve to draw in surface water, e.g., from water butts or ponds.

Fill the suction hose with water.

Screw the suction hose into the water connection of the appliance and insert it into the water source (e.g., rainwater drum).

Bleed the device as follows prior to operation:

- Turn on the appliance "OFF/ON"
- Unlock the lever of the trigger gun.
- Push the lever of the trigger gun, the device will switch on.
- Let the device run (max. 2 minutes) until the water exits the trigger gun without bubbles.
- Release the lever of the trigger gun.
- Lock the lever of the trigger gun.

OPERATION

⚠ ATTENTION!

Dry running of more than 2 minutes leads to damage of the high-pressure pump. If the appliance does not build up pressure within 2 minutes, switch the appliance off and proceed in accordance with the instructions in Chapter "Troubleshooting"

High pressure operation

⚠ CAUTION!

Keep a distance of at least 30 cm when using the jet for cleaning painted surfaces to avoid damage.

⚠ CAUTION!

Make sure the on/off switch is set to "OFF/ON" and insert the plug into a properly installed socket.

⚠ ATTENTION!

The washer must be used on a secure and stable surface in a standing, upright position



Connect the product to power and water supply as described. (see Figure E)

- Make sure the on/off switch is set to "OFF/ON" and insert the plug into a properly installed socket
- Open the water supply
- Hold the spray gun with both hands.
- Direct the nozzle of the chosen accessory away from you towards the surface to be cleaned.
- Unlock the trigger and press it until a constant amount of water flows through the nozzle, to allow air trapped in the hose to escape.
- Release the trigger.
- Turn on the switch "OFF/ON"
- Hold the spray gun with both hands. Direct the water jet to the object to be cleaned and press the trigger.

Release the lever of the trigger gun; the device will switch off again and stop the

water jet. High pressure remains in the system.

⚠ WARNING!

Beware of kickback when pressing the trigger!

- Disconnect the mains plug from the socket.
- Only separate the high-pressure hose from the trigger gun or the device when there is no pressure in the system.

Turn off tap

- Pressure the lever of the trigger gun to release any remaining pressure in the system.
- Release the lever of the trigger gun.
- Lock the lever of the trigger gun. **ATTENTION**
- When disconnecting the supply or high-pressure hose, warm water may leak from the connection after operation.
- Detach the appliance from the water supply.

Interrupting operation

- Release the lever of the trigger gun.
- Lock the lever of the trigger gun.
- Put the trigger gun with the spray lance into the parking position.
- During longer breaks (more than 5 minutes), also turn the appliance off using the "OFF/ON" switch.

Finish operation

- Release the lever of the trigger gun.
- Turn off the appliance "OFF/ON".

Transportation

⚠ CAUTION!

Risk of personal injury or damage!

Mind the weight of the appliance during transport.

When transporting by hand

- Switch the product off and disconnect it from the water and power supply.
- Pull out the transport handle until it audibly snaps into place. Attach

transportation guards, if applicable.

- Pull the appliance by its transport handle.

When transporting in vehicles

- Prior to horizontal transport: close the cap of clean detergent bottle.
- Tilt the product towards you until it balances on the wheels. Then move it by its transportation handle.
- Protect the product from any heavy impact or strong vibrations which may occur during transportation in vehicles.
- Secure the appliance against shifting and tipping over.

Storage

CAUTION!

Risk of personal injury or damage!

Consider the weight of the appliance when storing it.

Storing the appliance

- Park the machine on an even surface.
- Detach spray lance from the trigger gun.
- Push the disconnect button on the trigger gun and pull the high-pressure hose out of the trigger gun.
- Place the trigger gun into the storage for the trigger gun.
- Put both spray lances into the storage for the spray lance.
- Dirt grinder spray lance: Nozzle towards the bottom.
- Coil the high-pressure hose and hang it over the hose storage.
- Store the mains connection in the accessory compartment.
- Prior to extended storage periods, as during the winter, also observe the instructions in the care section.
- Always store the pressure cleaner, parts, and accessories in a place that is inaccessible to children. The ideal storage temperature is between 10°C and 30°C. Store the power washer indoors to prevent the water in the unit from expanding under freezing conditions.
- We recommend using the original package for storage or covering the product with a suitable cloth or enclosure to protect it against dust.

Frost protection

ATTENTION!

Appliance and accessories that are not completely drained can be destroyed by frost. Completely drain appliance and accessories and protect them against frost. To avoid damage:

- Detach the appliance from the water supply.
- Detach spray lance from the trigger gun. Turn on the appliance "ON/OFF".
- Push the lever of the trigger gun until no more water is escaping.
- Release the lever of the trigger gun.
- Lock the lever of the trigger gun.
- Turn off the appliance "ON/OFF".
- Store the appliance and the entire accessories in a frost-free room.

Care and maintenance

⚠ DANGER!

Risk of electric shock

Prior to all work on the appliance, switch off the appliance and pull the power plug.

High pressure hose

The high-pressure hose is specially constructed with reinforced walls it can be easily damaged and should be stored carefully.

- Do not kink.
- Do not drive vehicles over the hose.
- Do not expose the hose to sharp edges or corners. Misuse will lead to ballooning or premature failure and will invalidate warranty.

Clean the sieve in the water connection

Clean the sieve in the water connection regularly.

Remove coupling from the water connection, and rinse with warm water to prevent foreign matter from clogging the pump. **(see Figure F)**

Clean the nozzle with the needle clean-out tool provided. Remove the spray wand from the gun. Remove any dirt from the nozzle hole and rinse. **(see Figure G)**

⚠ ATTENTION!

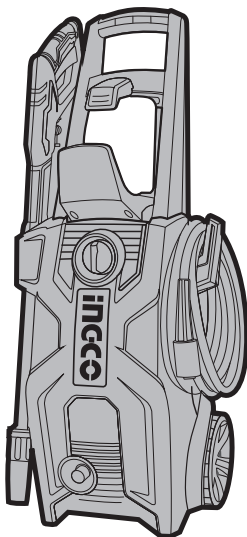
- **The sieve must not be damaged.**
- **Pull the sieve out using flat pliers.**
- **Clean the sieve under running water.**
- **Reinsert the sieve into the water connection**

MAINTENANCE&MALFUNCTIONS

DANGER! Risk of electric shock.

Turn off the appliance and remove the main plug prior to performing any care and maintenance work. Repair work and work on the electrical components may not only be performed by an authorized customer service. You can rectify minor faults yourself with the help of the following overview. If in doubt, please consult the authorized customer service.

Symptom	Cause	Recommended action
Machine refuses to start	- Machine not plugged in - Defective socket - Fuse has blown - Defective extension cord	Disconnect the machine from the mains and contact a qualified specialist.
Fluctuating pressure	- Pump sucking air - Valves dirty, worn out or stuck - Pump seals worn out	Check that hoses and connections are airtight. Clean and replace or refer to local distributor. Clean and replace or refer to local distributor.
Machine stops	- Incorrect mains voltage - Thermal sensor activated - Nozzle partially blocked	Check that the mains voltage corresponds to specification on the model tag. Leave the washer for 5 minutes to cool down. Clean the nozzle
Machine pulsating	- Air in inlet hose - Inadequate supply of mains water - Nozzle partially blocked - Water filter blocked - Hose kinked	Allow machine to run with open trigger until regular working pressure resumes. Check that the water supply corresponds to specifications required NB! Avoid using long, thin hoses (min. 1/2"). Clean the nozzle /Clean the filter Straighten out hose.
Machine starts, but no water comes out	- Pump/hoses or accessory frozen - No water supplies - Water filter blocked /Nozzle blocked	Wait for pump/hoses or accessory to thaw. Connect inlet water. Clean the filter /Clean the nozzle



MADE IN CHINA 0924.V07

NEWWAY TECHNOLOGY (SUZHOU) CO., LIMITED

   INGCO Global

www.ingco.com

No. 20 Dagang Road, Fuqiao Town, Taicang City, China