



说明书材质要求: 105g 有光铜版纸	说明书成品尺寸: 105*143mm
第一: 专色用6级防晒油墨+CMYK油墨要求: 1. PANTONE137C专色油墨 (专色用6级防晒油墨): 如果自己配色, 油墨配比为: 酒联中黄 (防晒) 2000g 酒联金红 (防晒) 225g 2. C色油墨: 酒联天蓝墨 3. M色油墨: 酒联金红墨 4. Y色油墨: pantone123C专色油墨 5. K色油墨: 酒联黑墨	第二: 特别注意: 1. 印刷时看样请参考我司提供的实物样品颜色。不得偏色 2. 137C的专色不得参考C=0, M=35, Y=90, K=0对应的四色 色谱颜色来看样印刷 Pantone 137C Black (两色印刷)
折叠方式: 风琴折 (20P以下 用风琴折) / 骑马钉 (20P以上 用骑马钉) 特殊情况: 16P/20P: 风琴折 + 对折	备注:

特别注意: 此页内容不印刷

风琴折 + 对折 页面顺序

16P 页面顺序

9	10	11	封面
12	13	14	封底

1	2	3	4
5	6	7	8

20P 页面顺序

11	12	13	14	封面
15	16	17	18	封底

1	2	3	4	5
6	7	8	9	10

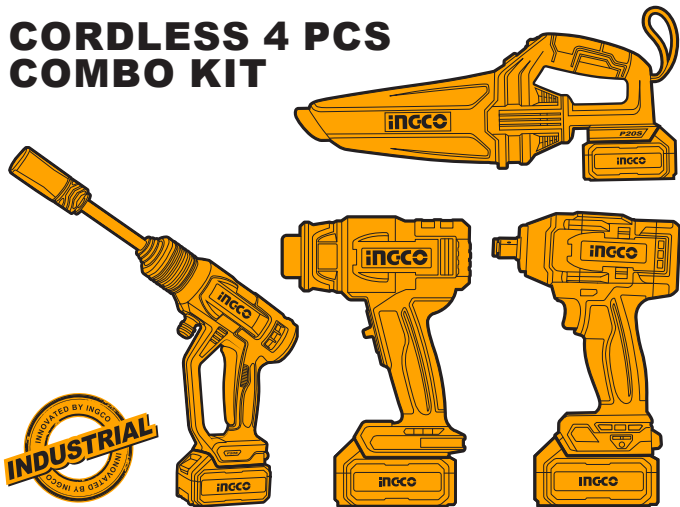
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PRODUCT MANUAL

CORDLESS 4 PCS COMBO KIT



CORDLESS HEAT GUN

HGLI2006 HGLI2006xy UHGLI2006 UHGLI2006xy [P1-P15]

CORDLESS IMPACT WRENCH

CIWLI2050 CIWLI2050xy UCIWLI2050 UCIWLI2050xy [P16-P25]

CORDLESS VACUUM CLEANER

CVLI20126 CVLI20126xy UCVLI20126 UCVLI20126xy [P26-P33]

CORDLESS PRESSURE WASHER

CPWLI2036 CPWLI2036xy UCPWLI2036 UCPWLI2036xy [P34-P42]

x(blank,1,2,3,4,5,6,7,8,9,E,S,A,M)

y(blank,-1,-2,-3,-4,-5,-6,-7,-8,-9,E,S,A,M)



SCAN FOR VIDEO

GENERAL POWER TOOL SAFETY WARNINGS

⚠ WARNING! Read all safety warnings, instructions, illustrations and specifications provided with this power tool. *Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.*

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) Work area safety

- a) **Keep work area clean and well lit.** *Cluttered or dark areas invite accidents.*
- b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** *Power tools create sparks which may ignite the dust or fumes.*
- c) **Keep children and bystanders away while operating a power tool.** *Distractions can cause you to lose control.*

2) Electrical safety

- a) **Power tool plugs must match the outlet. Never modify the plug in any way.** **Do not use any adapter plugs with earthed (grounded) power tools.** *Unmodified plugs and matching outlets will reduce risk of electric shock.*
- b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** *There is an increased risk of electric shock if your body is earthed or grounded.*
- c) **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** *Damaged or entangled cords increase the risk of electric shock.*
- e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** *Use of a cord suitable for outdoor use reduces the risk of electric shock.*
- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** *Use of an RCD reduces the risk of electric shock.*

3) Personal safety

- a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** *A moment of inattention while operating power tools may result in serious personal injury.*
- b) **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.*
- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** *Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.*
- d) **Remove any adjusting key or wrench before turning the power tool on.** *A wrench or a key left attached to a rotating part of the power tool may result in personal injury.*
- e) **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** *Loose clothes, jewellery or long hair can be caught in moving parts.*
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** *Use of dust collection can reduce dust-related hazards.*
- h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** *A careless action can cause severe injury within a fraction of a second.*

4) Power tool use and care

- a) **Do not force the power tool. Use the correct power tool for your application.** *The correct power tool will do the job better and safer at the rate for which it was designed.*
- b) **Do not use the power tool if the switch does not turn it on and off.** *Any power tool that cannot be controlled with the switch is dangerous and must be repaired.*
- c) **Disconnect the plug from the power source and/or remove the battery**

pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools. *Such preventive safety measures reduce the risk of starting the power tool accidentally.*

- d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** *Power tools are dangerous in the hands of untrained users.*
- e) **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** *Many accidents are caused by poorly maintained power tools.*
- f) **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
- g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the power tool for operations different from those-intended could result in a hazardous situation.*
- h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

5) Battery tool use and care

- a) **Recharge only with the charger specified by the manufacturer.** *A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.*
- b) **Use power tools only with specifically designated battery packs.** *Use of any other battery packs may create a risk of injury and fire.*
- c) **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** *Shorting the battery terminals together may cause burns or a fire.*
- d) **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** *Liquid ejected from the battery may cause irritation or burns.*

- e) **Do not use a battery pack or tool that is damaged or modified.** *Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.*
- f) **Do not expose a battery pack or tool to fire or excessive temperature.** *Exposure to fire or temperature above 130 °C may cause explosion.*
- g) **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** *Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.*

6) Service

- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the power tool is maintained.*
- b) **Never service damaged battery packs.** *Service of battery packs should only be performed by the manufacturer or authorized service providers*

BATTERY TOOL SAFETY WARNINGS

Save these instructions.

⚠ CAUTION

Only use genuine original batteries. *Use of non-genuine batteries, or batteries that have been altered, may result in the battery bursting causing fires, personal injury, and damage. It will also void the warranty for the tool and charged and dark areas invite accidents.*

⚠ WARNING

- a) **Do not dismantle, open or shred secondary cells or batteries.**
- b) **Keep batteries out of the reach of children.** *Battery usage by children should be supervised. Especially keep small batteries out of reach of small children.*
- c) **Seek medical advice immediately if a cell or a battery has been swallowed.**
- d) **Do not expose cells or batteries to heat or fire.** *Avoid storage in direct sunlight.*
- e) **Do not short-circuit a cell or a battery.** *Do not store cells or batteries haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by other metal objects.*
- f) **Do not remove a cell or battery from its original packaging until required for use.**
- g) **Do not subject cells or batteries to mechanical shock.**
- h) **In the event of a cell leaking, do not allow the liquid to come in contact with the skin or eyes.** *If contact has been made, wash the affected area with copious amounts of water and seek medical advice.*
- i) **Do not use any charger other than that specifically provided for use with the equipment.**
- j) **Observe the plus (+) and minus (-) marks on the cell, battery and equipment and ensure correct use.**
- k) **Do not use any cell or battery which is not designed for use with the equipment.**
- l) **Do not mix cells of different manufacture, capacity, size or type within a device.**
- m) **Always purchase the battery recommended by the device manufacturer for the equipment.**
- n) **Keep cells and batteries clean and dry.**
- o) **Wipe the cell or battery terminals with a clean dry cloth if they become**

dirty.

- p) **Secondary cells and batteries need to be charged before use.** *Always use the correct charger and refer to the manufacturer's instructions or equipment manual for proper charging instructions.*
- q) **Do not leave a battery on prolonged charge when not in use.**
- r) **After extended periods of storage, it may be necessary to charge and discharge the cells or batteries times to obtain maximum performance.**
- s) **Retain the original product literature for future reference.**
- t) **Use the cell or battery only in the application for which it was intended.**
- u) **When possible, remove the battery from the equipment when not in use.**
- v) **Dispose of properly.**

Tips for maintaining maximum battery life

- a) **Charge the battery cartridge before completely discharged.** *Always stop tool operation and charge the battery cartridge when you notice less tool power.*
- b) **Never recharge a fully charged battery cartridge.** *Overcharging shortens the battery service life.*
- c) **Charge the battery cartridge with room temperature at 10°C-40°C (50°F-104°F).** *Let a hot battery cartridge cool down before charging it.*
- d) **Charge the battery cartridge if you do not use it for a long period (more than six months).**

Important safety instructions for battery cartridge

- a) **Before using battery cartridge, read all instructions and cautionary markings on battery charger, battery, and) product using battery.**
- b) **Do not disassemble battery cartridge.**
- c) **If operating time has become excessively shorter, stop operating immediately.** *It may result in a risk of overheating, possible burns and even an explosion.*
- d) **If electrolyte gets into your eyes, rinse them out with clear water and seek medical attention right away.** *It may result in loss of your eyesight.*
- e) **Do not short the battery cartridge:**
 - *Do not touch the terminals with any conductive material.*
 - *Avoid storing battery cartridge in a container with other metal objects such as nails, coins, etc.*

- *Do not expose battery cartridge to water or rain.*
 - *A battery short can cause a large current flow, overheating, possible burns and even a breakdown.*
- f) **Do not store the tool and battery cartridge in locations where the temperature may reach or exceed 50°C (122°F).**
- g) **Do not incinerate the battery cartridge even if it is severely damaged or is completely worn out. The battery cartridge can explode in a fire.**
- h) **Be careful not to drop or strike battery.**
- i) **Do not use a damaged battery.**
- j) **Follow your local regulations relating to disposal of battery.**

Tool / battery protection system

The tool is equipped with a tool/battery protection system. This system automatically cuts off power to the motor to extend tool and battery life. The tool will automatically stop during operation if the tool or battery is placed under one of the following conditions:

Overload protection

When the battery is operated in a manner that causes it to draw an abnormally high current, the tool automatically stops without any indication. In this situation, turn the tool off and stop the application that caused the tool to become overloaded. Then turn the tool on to restart.

Overheat protection

When the tool/battery is overheated, the tool stops automatically. In this situation, let the tool/battery cool before turning the tool on again.

Transportation

Batteries comply with all applicable shipping regulations as prescribed by industry and legal standards (for more information, check with the manufacturer).

Transporting batteries can possibly cause fire if the battery terminals inadvertently come in contact with conductive materials. When transporting batteries, make sure that the battery terminals are protected and well insulated from materials that could contact them and cause a short circuit.

The information provided in this section of the manual is provided in good faith and believed to be accurate at the time the document was created. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure

that its activities comply with the applicable regulations.

Protecting the environment

Separate collection. This product must not be disposed of with normal household waste.

Should you find one day that your product needs replacement, or if it is of no further use to you, do not dispose of it with household waste. Make this product available for separate collection.

Separate collection of used products and packaging allows materials to be recycled and used again. Re-use of recycled materials helps prevent environmental pollution and reduces the demand for raw materials.

Local regulations may provide for separate collection of electrical products from the household, at municipal waste sites or by the retailer when you purchase a new product.

Rechargeable battery pack

This long-life battery pack must be recharged when it fails to produce sufficient power on jobs which were easily done before. At the end of its technical life, discard it with due care for our environment:

- Run the battery pack down completely, then remove it from the tool.
- Lithium-ion cells are recyclable. Take them to your dealer or a local recycling station. The collected battery packs will be recycled or disposed of properly.

Battery pack and battery pack charger information

WARNING!

All P20S series battery tools in this manual use the battery pack and battery pack charger listed in the tables below.

CAUTION!

Only use original battery pack and battery charger as below for this power tool:

Product	Battery pack		
Model No.	Type	Rated voltage	Rated capacity
FBLI2001 FBLI2001xy	Lithium-Ion	18.5V d.c., 20V Max	2.0Ah
FBLI2002 FBLI2002xy			4.0Ah
FBLI2003 FBLI2003xy			5.0Ah

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

Product	Battery pack charger			
Model No.	Input power	Input voltage	Output rated voltage	Output rated current
FCLI2001 FCLI2001xy	50W	220-240V ~50/60Hz	20V d.c.	2A
UFCLI2001 UFCLI2001xy		110-120V ~50/60Hz		
FCLI20411 FCLI20411xy FCLI2034 FCLI2034xy	105W	220-240V ~50/60Hz	21V d.c.	4A
UFCLI20411 UFCLI20411xy UFCLI2034 UFCLI2034xy		110-120V ~50/60Hz		

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

THE SYMBOLS IN INSTRUCTION MANUAL

	Read the instruction manual before using.
	CE conformity.
	Wear safety glasses, hearing protection and dust mask.
	Safety alert. Please only use the accessories supported by the manufacturer.
	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 unit is not suitable for connection to a drinking water supply.
	High- and low-pressure regulating handedness indication
	Danger symbol with information about preventing personal injury from electric shocks.
	Charging the battery only below 40°C
	Always recycle batteries.
	Do not destroy battery by fire.
	Do not expose battery to water

ADDITIONAL SAFETY WARNING

Heat gun safety warning

- a) **This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.** Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- b) **Make sure the workplace is adequately ventilated.** Residual gases and vapors can be harmful to health.
- c) **Do not operate the product in moist environments or allow it to become moist.**
- d) **Careless handling of the product increases the risk of fire and explosion.**
- e) **Flammable and toxic gases can develop when working with synthetics, paints, varnishes and similar materials.** Do not work in the proximity of highly flammable gases or materials.
- f) **Heat can reach flammable parts that are not visible.**
- g) **Do not use the product in the same position for a long time.**
- h) **Risk of burns! Do not touch the hot nozzle.** Wear protective gloves.
- i) **Never point the hot air current at persons or animals.**
- j) **Never use the product as a hair dryer or for drying clothing.**
- k) **Do not move the nozzle too close to the part to be treated.** The resultant buildup of air can cause the product to overheat.
- l) **Do not block the air inlet openings.**
- m) **Let the product completely cool before storing.** The hot nozzle can cause damage and fires.
- n) **Symbols affixed to your tools may not be removed or covered.** Information on the device that is no longer legible must be replaced immediately.

RESIDUAL RISKS

Even when the power tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the power tool's construction and design:

- a) Health defects resulting from vibration emission if the power tool is being used over longer period of time or not adequately managed and properly maintained.
- b) Injuries and damage to property due to broken accessories that are suddenly dashed.

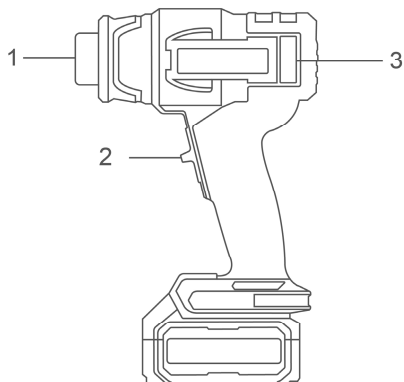
WARNING!

This power tool produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this power tool.

INTENDED USE

The heat guns are engineered for industrial applications including stripping lacquer, paint and varnish, thawing frozen pipes, loosening tile and putty, re-melting adhesive, removing stickers, waxing and de-waxing, bending plastic pipes and sheets, and more.

SPECIFICATIONS



Components

- | | |
|---|------------|
| 1. Nozzle | 3. Housing |
| 2. On/Off Switch/Air temperature adjustment | |

Symbols

The followings show the symbols used for tool.

V	volts
— — —	direct current
.../min r/min	revolutions or reciprocation per minute

Technical specifications

Model No.	HGLI2006 HGLI2006xy UHGLI2006xy
Voltage	20V
Temperature	300/550°C
Airflow	100/200 L/min

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

- Due to our continuing program of research and development, the specifications herein are subject to change without notice.
- Specifications and battery cartridge may differ from country to country.

OPERATION PICTURE

Putting into operation

1. Mount the correct accessory for the application.
2. Switching on (Number of the slide switch means as follows)
 “0”: OFF position
 “I”: For heating at 300°C with low air volume around 100L/min
 “II”: For heating at 550°C with low air volume around 200L/min
 Adjustable temperature with switch (illustrated above)
3. Switch the tool off and let it cool down for at least 30 minutes. Always place it vertical and standing.

MOUNTING THE CORRECT ACCESSORY (IF APPLICABLE)

Not all the accessories illustrated or described are included in standard delivery.

Accessory	Description	Purpose
	Flat nozzle	Drying, thawing (heat spread over wider area)
	Reflector nozzle	Soldering pipes
	Reduction nozzle	Welding, sleeve shrinking (heat concentrated over small area)
	Scraper	Stripping paint and varnish

ADDITIONAL SAFETY WARNING

Cordless impact wrench safety warnings

- a) **Hold power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring.** Fasteners contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- b) **Always be sure you have a firm footing. Be sure no one is below when using the tool in high locations.**
- c) **Hold the tool firmly.**
- d) **Wear ear protectors.**
- e) **Do not touch the bit or the work piece immediately after operation.** They may be extremely hot and could burn your skin.
- f) **Keep hands away from rotating parts.**

RESIDUAL RISKS

Even when the power tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the power tool's construction and design:

- a) Health defects resulting from vibration emission if the power tool is being used over longer period of time or not adequately managed and properly maintained.
- b) Injuries and damage to property to due to broken accessories that are suddenly dashed.

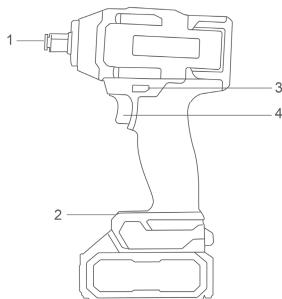
WARNING!

This power tool produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this power tool.

INTENDED USE

The machine is intended for driving in and loosening screws and bolts as well as for tightening and loosening nuts within the respective range of dimension.

SPECIFICATIONS



Components

- | | |
|----------------------|---|
| 1. 1/2" Square drive | 3. Forward and reverse rotation control |
| 2. LED Work light | 4. Switch |

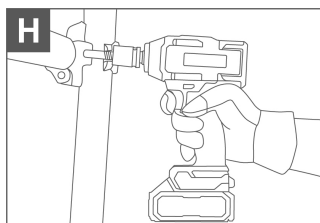
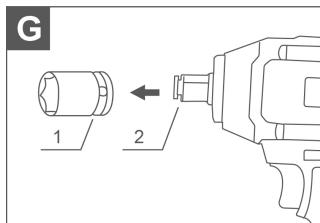
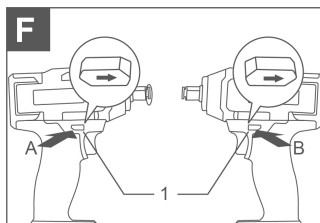
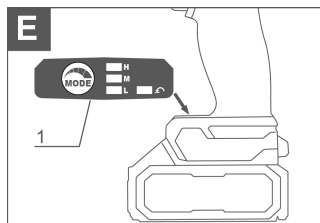
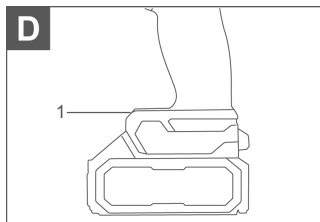
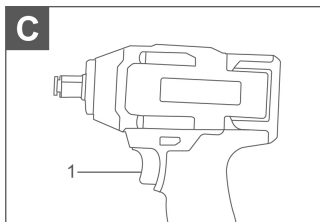
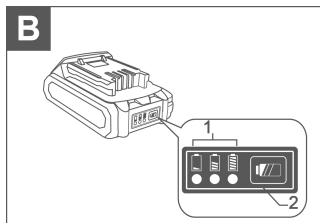
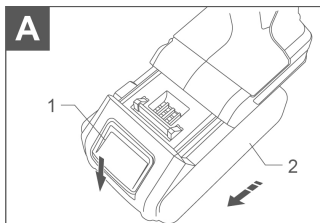
Technical specifications

Model No.	CIWLI2050 CIWLI2050xy	UCIWLI2050 UCIWLI2050xy
Square drive	12.7mm (1/2")	12.7mm (1/2")
No load speed	0-1200/0-1800/0-2200/min	0-1200/0-1800/0-2200/min
Impacts per minute	0-2400/0-2800/0-3300/min	0-2400/0-2800/0-3300/min
Fastening torque	500Nm	500Nm
Nut busting torque	650Nm	650Nm
Fastening capacities (standard bolt)	M10-M22	M10-M22
Fastening capacities (high tensile bolt)	M10-M16	M10-M16

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

- Due to our continuing program of research and development, the specifications herein are subject to change without notice.
- Specifications and battery cartridge may differ from country to country.

OPERATION PICTURE



FUNCTION DESCRIPTION

CAUTION!

Always be sure that the tool is switched off and the battery cartridge is removed before adjusting or checking function on the tool

Installing or removing battery cartridge (see Figure A)

Figure A: 1. Button 2. Battery cartridge

CAUTION!

- Always switch off the tool before installing or removing of the battery cartridge.
- Hold the tool and the battery cartridge firmly when installing or removing battery cartridge. Failure to hold the tool and the battery cartridge firmly may cause them to slip off your hands and result in damage to the tool and battery cartridge and a personal injury.

To remove the battery cartridge, slide it from the tool while sliding the button on the front of the cartridge.

To install the battery cartridge, align the tongue on the battery cartridge with the groove in the housing and slip it into place. Insert it all the way until it locks in place with a little click.

CAUTION!

- Always install the battery cartridge fully until the red indicator cannot be seen. If not, it may accidentally fall out of the tool, causing injury to you or someone around you.
- Do not install the battery cartridge forcibly. If the cartridge does not slide in easily, it is not being inserted correctly.

Indicating the remaining battery capacity (see Figure B)

Figure B: 1. Indicator lamps 2. Check button

Press the check button on the battery cartridge to indicate the remaining battery capacity. The indicator lamps light up for few seconds.

Indicator lamps		Remaining capacity
 Lighted	 Off	
		>80%
		30% to 80%
		<30%

NOTE:

- Depending on the conditions of use and the ambient temperature, the indication may differ slightly from the actual capacity.
- Depending on the conditions of use and the ambient temperature, the indication may differ slightly from the actual capacity.

Tool / battery protection system

The tool is equipped with a tool/battery protection system. This system automatically cuts off power to the motor to extend tool and battery life. The tool will automatically stop during operation if the tool or battery is placed under one of the following conditions:

Overload protection

When the battery is operated in a manner that causes it to draw an abnormally high current, the tool automatically stops without any indication. In this situation, turn the tool off and stop the application that caused the tool to become overloaded. Then turn the tool on to restart.

Overheat protection

When the tool/battery is overheated, the tool stops automatically. In this situation, let the tool/battery cool before turning the tool on again.

Switch action (see Figure C)

Figure C: 1. Switch trigger

⚠ CAUTION

- Before inserting the battery cartridge into the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released.
- To start the tool, simply pull the switch trigger. Tool speed is increased by increasing pressure on the switch trigger. Release the switch trigger to stop.

NOTE: The tool automatically stops if you keep pulling the switch trigger for about 6 minutes.

Electric brake

This tool is equipped with an electric brake. If the tool consistently fails to quickly stop after the switch trigger is released, have the tool serviced at a service center.

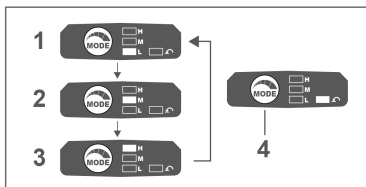
Lighting up the front lamp (see Figure D~E)

Figure D: 1. Lamp

Figure E: 1. Button

Changing the impact force

1. Low 2. Middle 3. High 4.Button



You can change the impact force in three steps: low, middle, high.

This allows a tightening suitable to the work. Every time the button is pressed, the number of blows changes in three steps.

Reversing switch action (see Figure F)

Figure F: 1. Reversing switch lever

CAUTION!

- Always check the direction of rotation before operation.
- Use the reversing switch only after the tool comes to a complete stop. Changing the direction of rotation before the tool stops may damage the tool.
- When not operating the tool, always set the reversing switch lever to the neutral position.

This tool has a reversing switch to change the direction of rotation. Depress the reversing switch lever from the A side for clockwise rotation or from the B side for counter clockwise rotation. When the reversing switch lever is in the neutral position, the switch trigger cannot be pulled.

Impact force grade displayed on panel	Max. blow	Purpose	Example of application
High 	3300/min	Tightening when force and speed are desired	Tightening wood screws, tightening bolts
Middle 	2800/min	Tightening when force and speed are desired	Tightening wood screws, tightening bolts
Low 	2400/min	Tightening with less force to avoid screw thread breakage	Tightening sash screws, tightening small screws

NOTE:

- A mode is available only when the tool rotates clockwise. When rotating counterclockwise in A mode, the impact force and speed are the same as hard mode.
- When all lamps on the switch panel go out, the tool is turned off to save the battery power. The impact force grade can be checked by pulling the switch trigger to the extent that the tool does not operate.
- While pulling the switch trigger, the impact force grade cannot be changed.

Specifications of each impact force grade

Impact force grade displayed on panel	Maximum blows	Application	Work
High 	3300/min	Tightening when force and speed are desired.	Assembling the steel frame.
Middle 	2800/min	Tightening when force and speed are desired.	Assembling the steel frame.
Low 	2400/min	Tightening when you need fine adjustment with small diameter bolt.	Assembling furniture's.

Assembly

CAUTION!

Always be sure that the tool is switched off and the battery cartridge is removed before carrying out any work on the tool.

Selecting correct impact socket

Always use the correct size impact socket for bolts and nuts. An incorrect size impact socket will result in inaccurate and inconsistent fastening torque and/or damage to the bolt or nut.

Installing or removing impact socket (see Figure G)

Figure G: 1. Impact socket 2. Square drive

CAUTION!

- Make sure that the impact socket and the mounting portion are not damaged before installing the impact socket.
- After inserting the impact socket, make sure that it is firmly secured. If it comes out, do not use it.

Align the hole in the side of the impact socket with the detent pin on the square drive and push the impact socket onto the square drive until it locks into place. Tap it lightly if required. To remove the impact socket, simply pull it off.

OPERATION

CAUTION!

Always insert the battery cartridge all the way until it locks in place. If you can see the red indicator on the upper side of the button, it is not locked completely. Insert it fully until the red indicator cannot be seen. If not, it may accidentally fall out of the tool, causing injury to you or someone around you.

Figure H

Hold the tool firmly and place the impact socket over the bolt or nut. Turn the tool on and fasten for the proper fastening time.

The proper fastening torque may differ depending upon the kind or size of the bolt, the material of the work piece to be fastened, etc. The relation between fastening torque and fastening time is shown in the figures.

Proper fastening torque for standard bolt Proper fastening torque for high tensile bolt.

NOTE:

- Hold the tool pointed straight at the bolt or nut.
- Excessive fastening torque may damage the bolt/nut or impact socket. Before starting your job, always perform a test operation to determine the proper fastening time for your bolt or nut.
- If the tool is operated continuously until the battery cartridge has discharged, allow the tool to rest for 15 minutes before proceeding with a fresh battery cartridge.

The fastening torque is affected by a wide variety of factors including the following. After fastening, always check the torque with a torque wrench.

When the battery cartridge is discharged almost completely, voltage will drop and the fastening torque will be reduced.

Impact socket

Failure to use the correct size impact socket will cause a reduction in the fastening torque.

A worm impact socket (wear on the hex end or square end) will cause a reduction in the fastening torque.

Bolt

Even though the torque coefficient and the class of bolt are the same, the proper fastening torque will differ according to the diameter of bolt.

Even though the diameters of bolts are the same, the proper fastening torque will differ according to the torque coefficient, the class of bolt and the bolt length.

The use of the universal joint or the extension bar somewhat reduces the fastening force of the impact wrench. Compensate by fastening for a longer period of time.

The manner of holding the tool or the material of driving position to be fastened will affect the torque.

Operating the tool at low speed will cause a reduction in the fastening torque.

ADDITIONAL SAFETY WARNINGS

WARNING!

- Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

WARNING!

Do not vacuum materials that are harmful to one's health, e.g. dust from beech or oak wood, masonry dust, asbestos. These materials are considered carcinogenic. Inform yourself about the valid regulations/laws for your country concerning the handling of materials that are hazardous to one's health.

- a) The product may only be repaired by qualified service personnel.
- b) The product may not be taken apart nor be changed.
- c) Do not place the product so that it may fall down into water or another liquid.
- d) Do not put any items containing water on the product, for example a flower vase or a soda can.
- e) Disconnect the battery pack when the vacuum cleaner is not in use.
- f) Check the battery pack to make sure it matches the vacuum cleaner correctly.
- g) The vacuum cleaner is not a toy, do not let children use it without supervision!
- h) Never leave the vacuum cleaner unattended when it is turned on.
- i) The vacuum cleaner is made for indoor usage; protect it from water and dampness.
- j) Use the vacuum cleaner only after having received sufficient information on its usage. A thorough introduction reduces operating errors and injuries.
- k) The vacuum cleaner is suitable only for vacuuming dry materials. The penetration of liquids increases the risk of an electric shock.
- l) The vacuum cleaner may only be used and stored indoors. The penetration of rain or moisture into the vacuum cleaner lid increases the risk of an electric shock.
- m) Do not vacuum hot or burning dusts, and in rooms with an explosion hazard.

Dust can ignite or explode.

- n) Do not use the vacuum cleaner in explosive environments.
- o) Remove the battery before cleaning or performing maintenance on the vacuum cleaner, making tools adjustments, charging accessories or storing the vacuum cleaner. The safety measure prevents the vacuum cleaner from being started accidentally.
- p) Have the vacuum cleaner repaired only through qualified specialists and only using original spare parts. This ensures the safety of your vacuum cleaner when maintained.

RESIDUAL RISKS

Even when the power tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the power tool's construction and design:

- a) Health defects resulting from vibration emission if the power tool is being used over longer period of time or not adequately managed and properly maintained.
- b) Injuries and damage to property to due to broken accessories that are suddenly dashed.

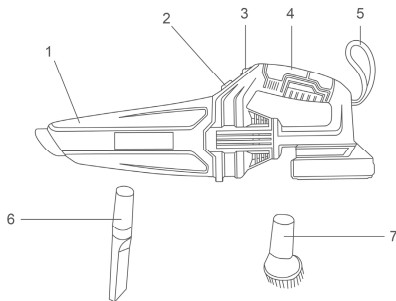
WARNING!

This power tool produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this power tool.

INTENDED USE

Mainly used to quickly suck out the dust at the bottom of the bed, the bottom of the sofa and other hidden corners.

SPECIFICATIONS



Components

- | | |
|--------------------------------|-------------------|
| 1. Dust cup | 5. Sling |
| 2. Release button for dust cup | 6. Crevice nozzle |
| 3. ON/OFF switch | 7. Floor nozzle |
| 4. Host | |

Accessories

1. Crevice nozzle 1pcs
2. Floor nozzle 1pcs

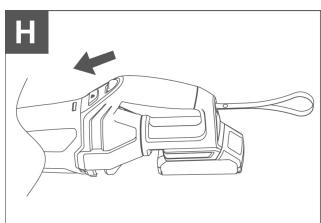
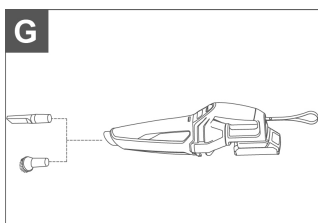
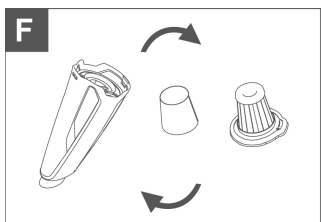
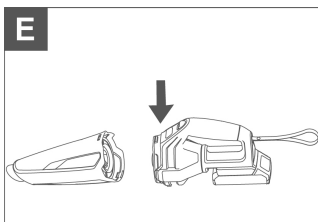
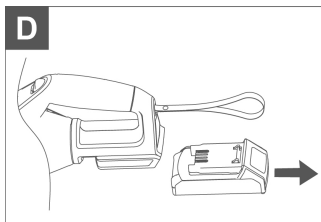
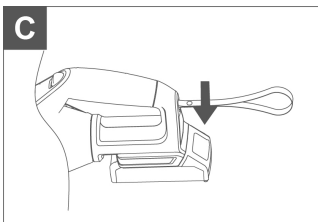
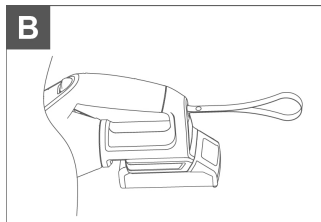
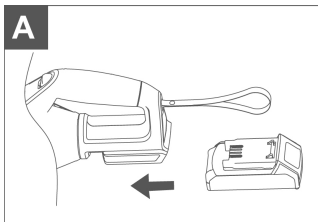
Technical specifications

Model No.	CVLI20126 UC CVLI20126xy UC
Voltage	20V
Dust capacity	0.5L
Vacuum pressure	≥9kPa

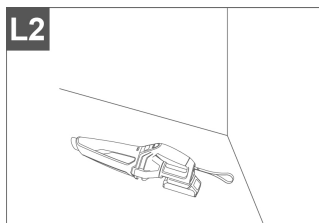
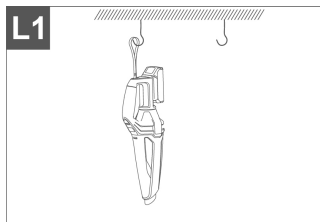
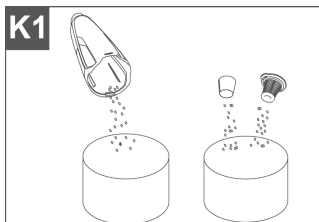
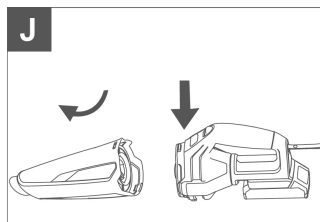
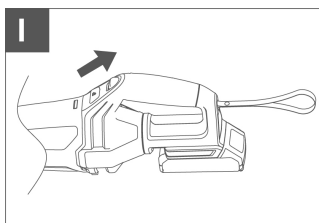
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- Due to our continuing program of research and development, the specifications herein are subject to change without notice.
- Specifications and battery cartridge may differ from country to country.

OPERATION PICTURE



OPERATION PICTURE



OPERATION

Insert the battery pack into the product as shown. (see Figure A~B)

Make sure the latches on the battery pack snap into place and that battery pack is secured in the product before beginning operation.

Make sure the on/off switch is in the off position before remove the battery pack.

Depress the latches to remove the battery pack. (see Figure C~D)

WARNING!

Battery tools are always in operating condition. Place the switch in the off position and remove the battery pack when the product is not in use or when carrying at your side.

Check the filters

Press the release button for dust cup, open the dust cup. (see Figure E)

Take out the dust cup cover from the dust cup(step1), turn off the filter net from the dust cup cover(step2), check and turn tight the HEPA filter on the dust cup cover. (see Figure F)

Turn tight the filter net on the dust cup cover(step3), put in the dust cup cover to the dust cup(step4). (see Figure F)

Put the dust cup on the product.

Mounting VAC accessories (see Figure G)

The vacuum cleaner accessories can be connected directly to the dust.

Starting operation (see Figure H~I)

To switch on the vacuum cleaner, press the ON/OFF button; to switch off the vacuum cleaner, press the ON/OFF button.

Maintenance

Keep the vacuum cleaner clean

For safe and proper working, always keep the vacuum cleaner and ventilation slots clean. Clean the vacuum cleaner housing from time to time using a cloth.

Emptying the dust cup

To maintain the optimum performance of the vacuum cleaner, clean the dust cup after each use.

Press the release button for dust cup, open the dust cup. (see Figure J)

Take out the dust cup cover from the dust cup, and clean the dust cup/filter net/HEPA filter. (see Figure K1)

If the HEPA filter damages, replace the HEPA filter in time.

If the HEPA filter uses too many times, please replace the filter in time.

Storage (see Figure L)

There is a sling on the vacuum cleaner that can be hung on a reliable hook.

MAINTENANCE&MALFUNCTIONS

Possible malfunctions and methods of their eliminations

Malfunction	Probable causes	Actions
When the machine is turned on, the electric motor does not work.	• Switch failure • The power cord or wiring is broken, power cord plug malfunction; • No brush contact with the collector; • Wear/damage of brushes	Disconnect the machine from the mains and contact a qualified specialist.
Formation of a circular fire on the collector	• Brush wear/damage of the brush holder; • Malfunction in the armature coil	Disconnect the machine from the mains and contact a qualified specialist. Please don't repair the machine by your own.
When working, smoke or the smell of burning insulation appears from the ventilation openings.	• Malfunction in the electric motor coil; • Malfunction of the electrical part of the tool.	
Increased noise in the gearbox	• Wear/breakage of gears or bearings	
When the machine is turned on, the spindle does not rotate	• Gearbox failure.	

Critical state criteria

Critical state criteria	Probable causes	Actions
Cracks on the surfaces of bearing and housing parts	Fatigue deformation of metal	Disconnect the machine from the mains and contact a qualified specialist. Please don't repair the machine by your own.
The power cord or plug is damaged	Overload or breakage	
Excessive wear or damage to the motor or reductor mechanism, or a combination of signs	Fatigue deformation of metal	

Critical state criteria

List of critical failures	Actions
Electric motor sparking	It is necessary to contact a qualified specialist
The appearance of extraneous noise	It is necessary to contact a qualified specialist
If the above malfunctions are detected, it is necessary to disconnect the machine from the mains and contact a qualified specialist	

ADDITIONAL SAFETY WARNING

Pressure washer warnings

- a) **This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.**
- b) **Do not aim the sprinkler head at people, animals, electrical equipment with power supply or the equipment itself.**
- c) **Do not aim the shower head at yourself or others to clean clothes and shoes.**
- d) **Wear appropriate protective clothing and goggles to prevent water or dirt from splashing back.**
- e) **Do not operate a pressure washer when others are nearby, unless they are wearing protective clothing.**
- f) **Take appropriate measures to keep children away from the equipment while it is in operation.**
- g) **Do not use the device near flammable liquids or gases.** Failure to comply will result in the risk of fire or explosion.
- h) **Do not spray flammable liquid, there is a risk of explosion risks. If the cleanser comes into contact with your skin, rinse with plenty of water to avoid burns!**
- i) **Be aware that there is a tripping hazard when using the pressure washer with the inlet hose.**
- j) **Do not run over, crush, or break the water inlet hose to prevent damage to the water inlet hose and personal injury.**
- k) **Do not use to clean windows.**
- l) **Store equipment in a dry place and out of reach of children.**

To avoid equipment damage and possible personal injury.

- a) **Do not use damaged or incomplete equipment, or equipment modified without the manufacturer's permission.** Before the initial operation, ask a professional to check whether the required electrical protection measures are in place.

- b) **If important components such as the water inlet hose, nozzle, or spray gun are damaged, do not use them.**
- c) **Protects pressure washer from frost and dry operation.**
- d) **High pressure hoses, fittings and joints are important for machine safety.**
Use only high-pressure hoses, fittings and connectors as recommended by the manufacturer.
- e) **Only use the original accessories. Do not modify the equipment,**
- f) **Please read the instructions for notes on the following topics:** "Cleaning and maintenance". Any other measures, especially the operation of opening the equipment, should be performed by an authorized electrician.

RESIDUAL RISKS

Even when the power tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the power tool's construction and design:

- c) Health defects resulting from vibration emission if the power tool is being used over longer period of time or not adequately managed and properly maintained.
- d) Injuries and damage to property to due to broken accessories that are suddenly dashed.

WARNING!

This power tool produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this power tool.

INTENDED USE

The equipment is suitable for cleaning and irrigation.

Any other use not explicitly demonstrated in this manual may cause damage to the equipment and pose a serious danger to the user. This unit is designed for adults. Do not allow children or people unfamiliar with the instructions to use the unit.

This equipment is not suitable for commercial use. Commercial use will void the guarantee.

SPECIFICATIONS

Technical specifications

Model No.	CPWLI2036 U CPWLI2036 CPWLI2036xy UCPWLI2036xy
Voltage	20 V
Max pressure	24.8 Bar
Flow rate	2.8 L/min
Minimum water absorption height	5 m
Cleaning bottle volume	300 mL

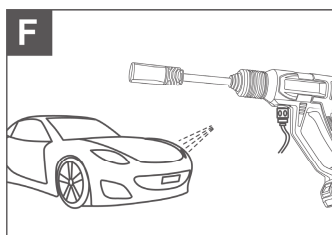
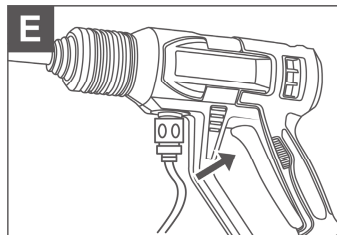
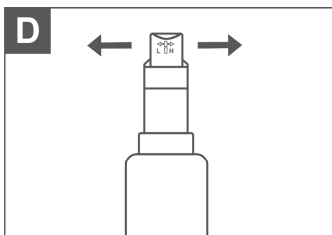
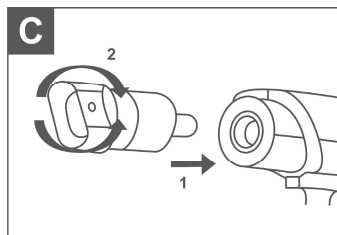
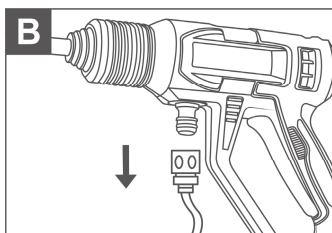
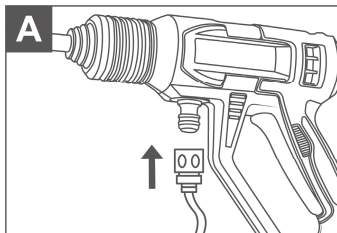
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- Due to our continuing program of research and development, the specifications herein are subject to change without notice.
- Specifications and battery cartridge may differ from country to country.

Accessories

1. 2-pattern spray gun 1set
2. 6m water inlet hose with quick connector 1pcs
3. foam producer 300mL 1pcs

OPERATION PICTURE



FUNCTION DESCRIPTION

CAUTION!

Remove the battery before performing any work on the device.

Function declaration

Lithium-ion pressure washer use an air brush to clean and rinse.

If necessary, it can also be done with the addition of cleaning agent.

See the following instructions for the functions of the operating elements.

Ensure safety instructions are followed at all times!

OPERATION

The pipe operation

Water pipe installation and removal (see Figure A&B)

When installing, as shown in the figure on the left, push the quick water inlet connector up and insert it into the water inlet connector on the machine. After inserting, gently pull the water pipe back to check whether it is firmly installed and does not fall off.

When removing the water pipe, pull down the external plastic sleeve of the water inlet quick connector to remove the water pipe, as shown in the figure on the left.

Water connection

Access to domestic water: When accessing domestic water, remove the filter head and connect the quick connector to the tap water. For specific installation, refer to the "Water pipe Installation and Removal" in the previous step.

Access the water in the container: When accessing the water in the container, you can directly put the end of the water pipe with the filter head into the container, and the car wash will automatically absorb water.

ATTENTION!

- When connected to tap water, the maximum inlet pressure shall not exceed 0.5MPa.
- When connecting to tap water, make sure there is enough pipe length.
- When accessing the water in the container, the lowest water level should be higher than the height of the filter head.

- **When accessing the water in the container, ensure that there is no cloudy debris in the water, otherwise it is easy to block the filter head.**

Use of spray gun

Installation of spray gun rod (see Figure C)

As shown in the figure on the left, the first step is to insert the spray gun rod into the joint position of the machine until it cannot be pushed. The second step is to rotate the spray gun body to the left or right, stop rotating and release the spray gun when it can spring effectively, and then gently rotate the spray gun lever. If there is no rotation, install it in place.

Take off the spray gun rod

When removing the spray gun, push the gun into the machine and rotate it at the same time (about 90 degrees) to remove the gun.

Note: When installing the gun shaft, align the positioning buckle on the gun shaft with the slot position inside the machine.

Water pressure water type adjustment (see Figure D)

The equipment is equipped with a high/low pressure mode. As shown in the figure on the left, when the water-type regulating nozzle rotates to the left, the water pressure changes to low pressure mode (L), and when it rotates to the left again, the water-type changes from the original column to the sector. When the water-type regulating nozzle rotates to the right, the water pressure is in the high-pressure mode (H), and when the water-type rotates to the right, the column shape is changed to the fan shape.

Soap liquid rod use

Soap to add

Take off the soap rod first, pour the soap liquid and water into the soap liquid pot according to the proportion, and then install the soap rod and soap pot.

Liquid soap rod installation

For details about how to install and remove the soap bar, see Using the Spray Gun Rod.

ATTENTION!

The device is designed for use with neutral, biodegradable cleaners. Other

cleaners or chemicals may compromise the safety of the pressure washer and cause damage to it.

Boot the operating (see Figure E)

As shown in the figure on the left, press the switch to start the device.

End of operation

- a) After cleaning with detergent, rinse the detergent container with clean water.
- b) Release the trigger.
- c) Remove the battery from the device.
- d) Disconnect the wireless high-pressure washer from the water supply system.
- e) Press the switch to release the existing pressure in the system.

Usage scenarios (see Figure F)

As shown in the figure above, the equipment can be used for cleaning the family car, watering the flowers and washing the family floor and carpet, etc.

Maintenance

CAUTION!

Remove the battery before performing any work on the device.

This also includes connecting to the water supply or trying to eliminate leaks. There is danger of electric shock or injury to moving parts

- a) Do not spray water directly onto the pressure washer, and do not clean the pressure washer under running water. This can cause an electric shock hazard and damage the pressure washer!
- b) Keep the pressure washer clean at all times and do not use any detergent or solvent.
- c) Keep ventilation chutes clean and unblocked at all times.
- d) Clean the device with a soft brush or damp cloth.
- e) If the nozzle on the spray gun is soiled or blocked, use a needle to remove foreign matter from the nozzle.
- f) Flush the nozzle with water to remove foreign matter.
- g) Clean the attachment on the filter head regularly to prevent the water pipe from blocking.

Store

- a) Pour the water from the wireless pressure washer completely empty.
- b) Disconnect the device from the water supply system.
- c) Open the battery pressure washer for a few seconds until no more water comes out of the spray gun. Turn off the device.
- d) Store the spray gun vertically with the connecting side down.
- e) Completely empty the inlet hose and filter head.
- f) If the inside of the pressure washer is not completely emptied of water, it can be damaged by frost in cold weather.
- g) Store the equipment and accessories in an anti-freezing position.

Waste disposal and environmental protection

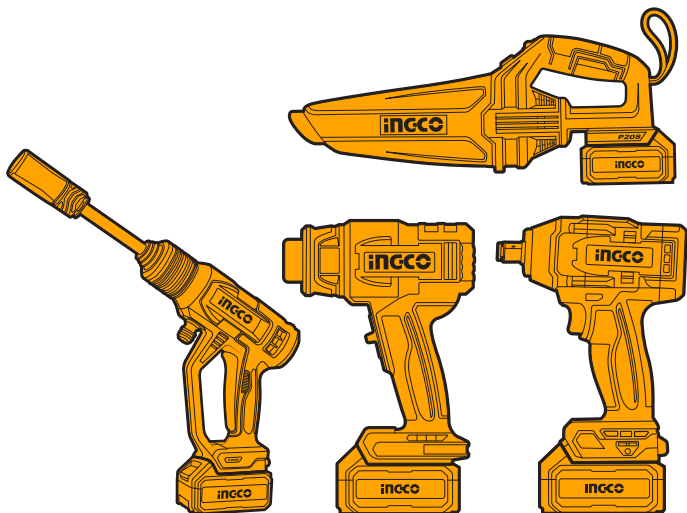
Protect the environment. Return tools, accessories, and packaging to the recycling center when finished.

Do not discard household appliances in the household garbage.

MAINTENANCE&MALFUNCTIONS

Troubleshooting

Problem	Possible reasons	Measures
Intense pressure fluctuations	The nozzle is dirty/blocked.	Rinse the nozzle with water. Clean nozzle holes with a needle if needed.
Equipment not working	Low battery power.	Charge the rechargeable battery.
Water system leak	The connection is not installed correctly.	Turn off the device and remove the battery. Reconnect the unit to the water supply.
No water or little water	The water pipe is incorrectly connected and not in place.	Reconnect the pipe to the machine connector.
	The water level is below the filter head and cannot absorb water.	Increase the amount of water, or let the filter head completely sink in the water.
	The filter header is blocked.	Cleaning filter head.
	The nozzle is blocked.	Clean the nozzle.
	The water pipe was held down.	Remove pressure or replace pipe.



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www.ingco.com

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