



Power Bank



Tire Inflator



Vacuum Cleaner



Car Washer

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Power Bank



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Product Introduction

Power Bank is a product that can provide electric energy for various devices. The body is equipped with Type-c, USB, DC, wireless charging, metal contacts and other input and output interfaces. It can output 5-12V voltage, 1A-10A wide current, USB output can supply power for various digital products, metal contacts can supply power for various series products developed by our company, and DC output with cigarette lighter adapter can charge various vehicle-mounted electrical appliances with power within 120W. Some models of Power Bank have wireless charging function at the top, which supports wireless charging for mobile phones with wireless charging function.

Product Model and Specification

Parameters may change with product upgrade, please understand.

Model	See Packaging
Battery Capacity	15000mAh
Wireless Charging	15W Max(5.0/7.5/10.0/15W)
Operating Frequency	110.0~205.0KHz
DC Output	12V=10A(120W Max)
USB-A Output	5V/3.0A 9V/2.0A 12V/1.5A SCP 5V/4.5A (22.5W Max)
Wire Configuration	Type-C Universal Data Cable (3A) 15W
Charging Mode	Type-C (Universal Interface)
Product Weight	About 385g
Battery Type	18650
Product Size	65.5mm x 95mm

Product Description

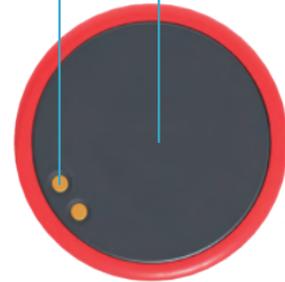
Type-C Input
Power Lamp
Power Switch



USB Output
DC Output



Contact Output
Top Wireless Charging



Power Switch

1. Standard mode is equipped with a power switch and a power indicator. Touch the power switch to power on, touch it again to shut down all circuits, and stand by for more than 30 minutes.
2. Three power indicators, each representing about 33.3% of the power from left to right. When charging, the indicators equal to the battery capacity will flash, and the three indicators will be on normally after the battery is fully charged!



Each represents about 33.3% of the electricity

Touch the power switch lightly Can use it when the power lamp lights up

Charging Instructions

1. The power bank adopt Type-C charging interface, one Type-c charging cable is configured by default,which is the same as the Type-C charging port on the mobile phone. Users can use the mobile phone data cable with Type-C interface to charge, and the charging power is about 15W. The fast charging head of the mobile phone can improve the charging efficiency and shorten the charging time(For example, support output 5V=3A, 9V=2A, etc).
2. It is normal for the body and data line to heat up during charging.
3. Charging suggestion: You can replenish the battery at any time when the battery power is 5%-95%, and try to avoid recharging after the battery is exhausted. When you don't use it for a long time, if you can charge it occasionally, you can keep part of the battery power, which can prolong the service life of the battery.



USB Output

1. USB output supports a variety of mobile phone fast charging protocols, which can charge various digital products such as mobile phones with data cables.
2. The maximum output power is 22.5W, which supports different voltages such as 5.0V / 3.0A, 9.0V / 2.5A, 12.0V / 1.5A (22.5W Max).



Rotating Buckle and Protective Ring

The red protective ring is equipped with a rotating buckle inside, which can be combined with various series products to form an integrated body and provide electric energy for these products. When the rotating buckle is to be used, the red protective ring can be rotated and transferred away.



Metal Contact Output

1. The top output contact of Power Bank is positive on the left and negative on the right. It can supply power to many products we produce.
2. This output contact is designed to supply power for many series products developed by our company.
3. When the power switch is turned on, please be careful not to place metal objects or conductive objects on these two contacts, so as not to cause short circuit and burn out the internal circuit board.
4. When two contacts are supplying power to the product, it is normal to have heat.



DC Block Output and Input Function

The DC interface of Power Bank standard model is a single output interface with DC specification of 5525, and the maximum sustainable output is 12V voltage/about 10A current/about 120W power. If the cigarette holder adapter is selected, it can supply power to various vehicle-mounted device or small vehicle-mounted electrical appliances with power less than 120W by adapter.



Wireless Charging

1. Some models of Power Bank are equipped with wireless charging function, and the output power is about 15W, which can support most mobile phones with wireless charging function in the market.
2. When charging wirelessly, there will be hot at the top of the mobile phone and Power Bank, which is a normal phenomenon.



Wireless Charging Case (Selective)

When using Power Bank for wireless charging, it is recommended to purchase the special mobile phone holder produced by our company. When the Power Battery and the mobile phone holder are rotated and combined, they are put into the car cup seat, which can ensure that the mobile phone will not fall over during wireless charging during driving.

(The holder needs to be equipped with this product, which is suitable for various models below 6.7 inches)



Attention

1. Do not disassemble or repair the Power Bank by yourself.
2. Do not fall, knock or shake the Power Bank.
3. Do not rain or immerse energy in water, and avoid long-term exposure to the sun.
4. Do not store with inflammable and explosive materials.
5. The above matters may cause damage to batteries circuit boards, chips and components.
6. Keep the product out of reach of children.

The following situations are not covered by free maintenance

1. Failure or damage of products caused by failure to install, use, maintain and keep according to the requirements of the instruction manual.
2. Exceeded the warranty and warranty replacement period.
3. Change the inherent setting of the product without authorization or dismantle the machine for repair without authorization.
4. Product failure or damage caused by unexpected factors or human behavior, such as inappropriate voltage input, high temperature, water ingress fault damage, falling and so on.

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Vacuum Cleaner



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Product Introduction

Vacuum Cleaner is a multifunctional product. The body is small but has good suction. This is due to the excellent internal air duct design, all-aluminum impeller and high-speed stable motor, and the filter screen in the dust hood adopts double-layer filter element design. The outer metal grid and the inner high air volume filter screen can better separate debris and filter air, and it is also easier to clean. The body is provided with a DC interface and a contact interface. The DC interface can be connected with power cord, and the contact interface can be combined with Power Bank.

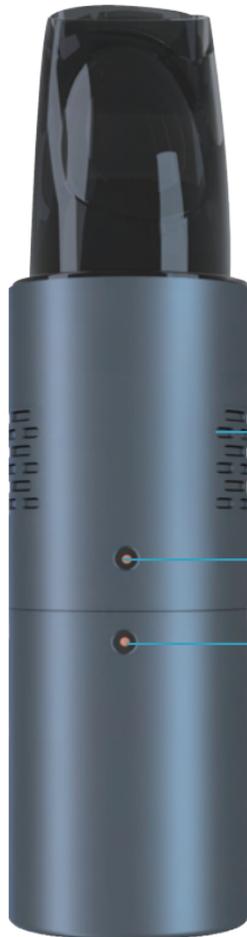
Power Bank provides power, making it a wireless vacuum cleaner, which is better and more convenient to use. Some models of Power Bank are also equipped with USB output, wireless charging of mobile phones and other functions.

Product Model and Specification

Parameters may change with product upgrade, please understand.

Model	See Packaging
Vacuum Degree	19kPa
Motor Power	120W
Gear Position	Two Gear
Input Voltage	12V
DC Input	12V
Dust Capacity	100ml
Rosebox	Stainless Steel Filter+HEPA Filter Element
Battery Life	15000mAh (19kPa=35 min)
Weight	About 239g
Product Size	66 mm x 280mm

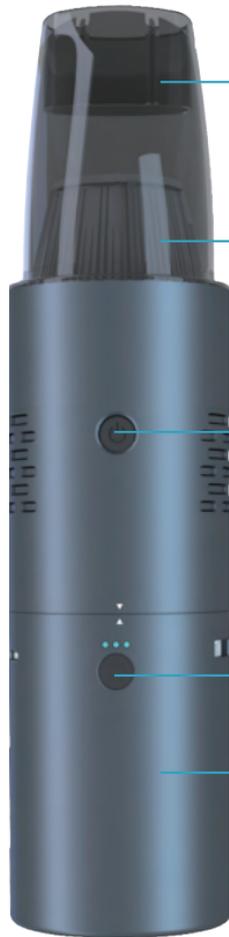
Product Description



Left and Right air Outlets

Vacuum Cleaner DC

Power Battery DC



Dust Hood

Filter Element

Vacuum Cleaner Switch

Power Battery Power Switch

Power Battery

Contact Connection

After the body and Power Bank are connected, energy bank will provide electric energy to this product through spring contacts.



Dust Hood and Filter Element

1. The dust hood is translucent, which is connected with the body through a rotating buckle.
2. The vacuum cleaner adopts double-layer filter element, with metal filter screen on the outer layer and HEPA high-efficiency filter element on the inner layer. Both filter elements can be cleaned directly in water.



DC Interface and Air Outlet

1. When there is no power bank or the power battery is low, the vacuum cleaner can be directly powered by inserting an additional purchased connection cable into the DC interface.
2. Air outlets are arranged on both sides of the vacuum cleaner body.



Cigarette Lighter Wire
(Not configured, can be purchased separately)



Wireless Model Use Methods

1. Remove the decorative ring of the power bank so that the buttons of the power bank are on the same surface as those of the vacuum cleaner. Align the unlocking label of the power bank with the small triangle label at the vacuum cleaner installation interface, then connect it. Then rotate the power bank to the right to align the locking label of the power bank with the three corner label of the vacuum cleaner, indicating that the installation is complete.



2. Press the Power Bank switch lightly to start power supply, then press the vacuum cleaner switch lightly to start the vacuum cleaner, and press it lightly again to close the vacuum cleaner.

3. Rotate the dust hood from the body, take out the internal filter element, and pour out the garbage in the dust hood.

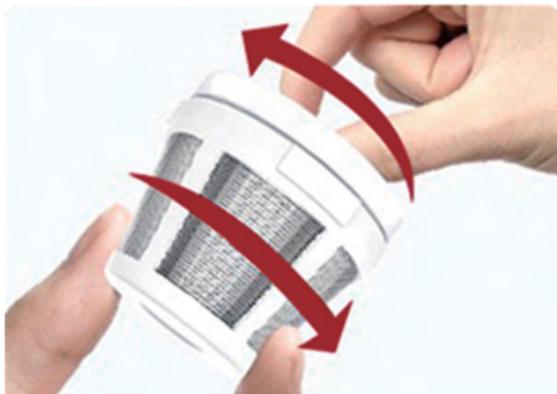
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02



03



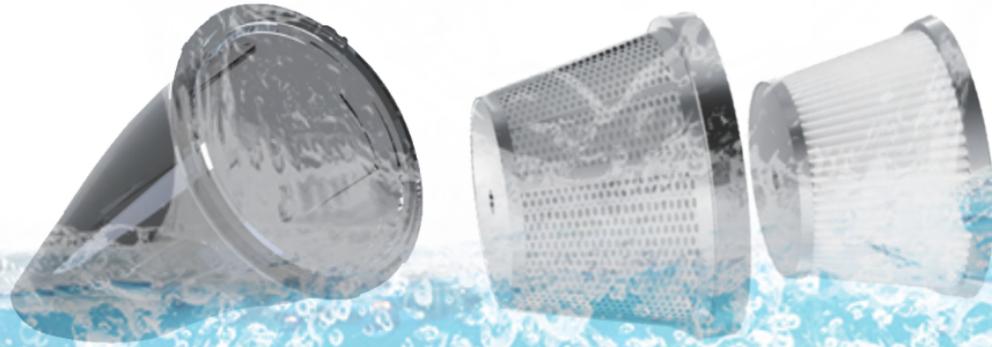
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Cleaning Method

1. There are circuit boards, motors, etc. inside the vacuum cleaner body, so it is not allowed to encounter water.
2. The dust hood, outer metal filter screen and inner HEPA filter element of the vacuum cleaner can be cleaned in water. After cleaning, please dry them and put them back into the body to avoid water droplets leaving inside the body.



Attention

1. When using for the first time, please ensure that the Power battery is fully charged.
2. Please carefully check whether the parts in the vacuum cleaner are in good condition, and whether the dust collecting cover and filter screen are rotated and fixed in place as required.
3. Please read this instruction manual carefully. Please use the original spare parts of our company, and can't replace them with other spare parts.
4. If the dust hood and filter screen of the vacuum cleaner are damaged or partially damaged, please do not use them and replace them in time, otherwise they will cause damage.
5. When using the vacuum cleaner, try to keep loose clothes, hair and fingers away from the dust inlet, and do not suck burning objects, such as cigarette butts, paper and charcoal.
6. Do not clean the vacuum cleaner with seriously corrosive liquid, such as Tianna water and paint.
7. In order to avoid fire or explosion caused by power supply and sparks from electrical device, please keep away from flammable and explosive objects or liquids.

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Tire Inflator



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Product Introduction

Tire Inflator is a wireless convenient one with small volume and high inflation efficiency. It is small in size, but thanks to the excellent structural design of motor and air pump by engineers and the continuous optimization and improvement of materials, it has better inflation efficiency and service life than many similar products.

The tire inflator pump supplies power through the rotating connection of Power Bank, so that it does not rely on the traditional fixed power supply. Therefore, it can satisfy more application scenarios in life. The numerical value of the air pump is displayed on a digital display screen. The required tire pressure value can be set in advance, and when the air pump reaches the set tire pressure value, it will automatically stop inflation. For the convenience of users, we also designed four inflation modes for the air pump, such as automobile, motorcycle, bicycle and ball game. Each mode has set a general value and can be directly inflated. The top of the air pump is also provided with a lighting lamp, which is convenient for users to provide lighting when inflating at night.

Some models of energy bank are also equipped with USB output, DC seat input, mobile phone wireless charging and other very practical functions in life.

Product Parameters

Parameters may change with product upgrade, please understand.

Model	See Packaging	Type	Wired/Wireless	Sizes	145mm x 145mm x 75mm
Weight	About 586g	Motor Power	120W (MAX)	DC	DC5525-12V
Voltage	12V	Illuminationlamp	Have	Cylinderblock	Metal Cylinder Block
Air Output	38L/min		Temperature Protection		120Degrees

The tire pressure is set to stop when it is full according to the setting.

Unit defaults: 2.5 Bar for cars, 2.4 Bar for motorcycles, 3.1 Bar for bicycles, 0.552 Bar for balls.

Adapter: Standard 3 adapters.

Adjustable Pressure Range: 0.2-10.3 Bar.

Please refer to the power bank manual (Pages 1 - 13)

Product Description



Wireless Model Use Methods

1. Remove the decorative ring of the power bank so that the buttons of the power bank are on the same surface as the buttons of the tire inflation pump. Align the unlocking label of the power bank with the small triangle label at the installation interface of the tire inflation pump and connect it. Then rotate the power bank to the right to align the locking label of the power bank with the triangle label of the tire inflation pump, indicating that the installation is complete.



(2) Turn one end of the gas tube into the air outlet of the air pump, and connect the nozzle interface at the other end to the valve of the automobile tire. Press the nozzle switch to lock it.

(3) Press the Power battery power switch, and the air pump screen lights up at this time.

(4) Bicycle adjustment range of 2.05 Bar 10.3 default 3.1Bar.

Motorcycle adjustment range 1.6-4.0 Bar 2.4 Bar by default.

Auto adjustment range 1.8-4.0 Bar default 2.5 Bar.

Ball adjustment range of 0.276 to 1.1 Bar default 0.552 Bar.



(5) The default inflating mode is auto tire mode, the unit is Bar, and the parameter is 2.50. Press R to switch to other modes.



Car 2.50 Bar



Motorcycle 2.40 Bar



Bicycle 3.1 Bar



Ball 0.552 Bar

(6) There is a temperature protection switch inside the air pump. When the internal temperature of the air pump is too high, it will automatically stop inflation, and the screen will display hot (as shown on the right). When the screen returns to the normal tire pressure value, you can press the start button again. Start running.



(5) After setting the inflation mode and value, press the air pump start key again. The air pump will start inflation immediately. During the inflation process, a larger sound of air pump operation will appear as a normal phenomenon.

(6) When the inflation value reaches the set value, the air pump will automatically stop inflation.

(7) When the air is just filled, both ends of the air pump body and gas tube will be hot at high temperature. It is recommended to stop the machine for 2-4 minutes before taking it, so as to avoid scalding the skin at high temperature.



(8) When inflating at night, you can press the lighting switch to turn on the LED lamp to provide emergency lighting for the whole inflation process.

(9) The air pump is equipped with 3 kinds of air nozzles that can be switched. When inflating non-tire products, please choose the appropriate air nozzle.



Wired Model Use Methods

(1) When the power bank is not purchased or the power bank is low, the additional purchased car cigarette lighter line can be directly used to power the air pump.

(2) Insert the plug into the onboard cigarette lighter interface, and then plug the other end of the DC connector into the DC socket interface on the left side of the air pump body to power on.



Cigarette Lighter Wire

(Not configured, can be purchased separately)

Warning

1. After long-term use of this product, the shell parts, inflatable tubes and interfaces will be seriously hot and hot, and the continuous working time cannot exceed 10 minutes. If you need to inflate for a long time, you need to suspend for 3-5 minutes every time it exceeds 10 minutes. After the temperature is reduced, you can start up and continue to work. Otherwise, many parts of the air pump will be damaged.
2. Please do not use your hand to touch the two ends of the gas tube, so as not to burn the skin. It is recommended to stop the machine for 2-4 minutes before taking it.

Attention

- (1) Please keep the heat dissipation holes open, so as to speed up the heat dissipation of the whole body.
- (2) Do not allow children to use this product, and keep it out of reach of children. Do not let children near the product at work when using it.
- (3) Do not soak this product in rain or water.
- (4) Do not use solvents or polishing agents when cleaning the surface.

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Car Washer



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Product Introduction

Wireless car washer is a convenient and bulk cleaning equipment with small volume and large water pressure. Although it is small in size, it can have great water pressure thanks to the excellent water pump structure design of engineers. The washer cannon is equipped with 0-degree and 40-degree water nozzles to meet different cleaning needs. Its convenience also lies in the convenience of taking water, connecting special water pipes, and taking water through buckets, mineral water bottles, tap water and other ways.

In addition to daily car washing, it can also meet various cleaning requirements in life, such as cleaning balconies and roads through high water pressure, or watering gardens and vegetable fields, etc. Hope it can become a good helper in our daily life.

Some models of Power Bank are also equipped with USB output, wireless charging of mobile phones and other very practical functions in life.

Product Parameter

Parameters may change with product upgrade, please understand.

Model	See Packaging	Motor	All Copper Motor	Power Supply	Power Bank/Cigarette Lighter
Current	About 200-240L/H	Water Type	6 Water Shapes	Water Pump	High Pressure Plunger Pump
DC	DC-5525-12V	Contact	12V	Voltage	12V
Stress	200Psi	Distance	6-8m	Motor Power	120W

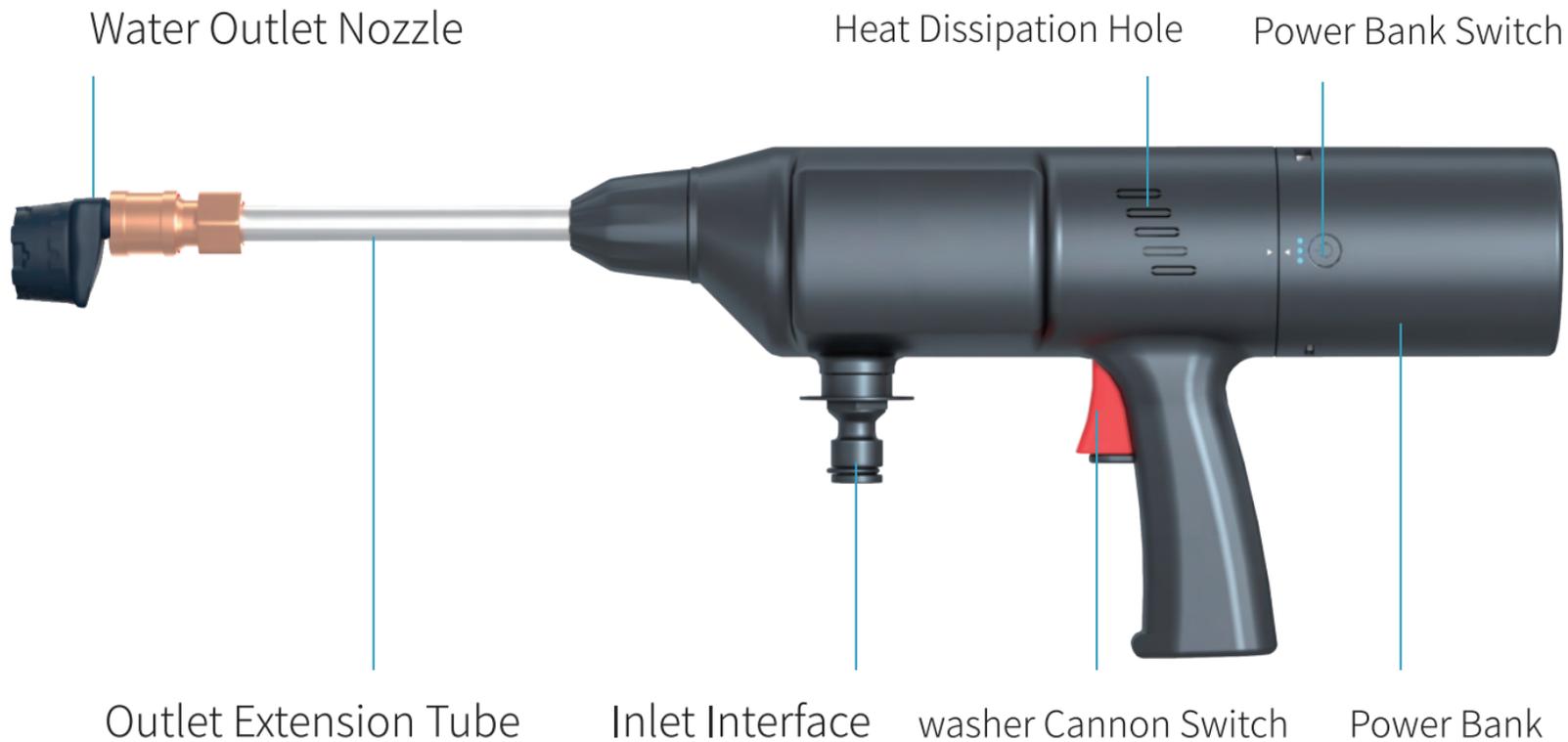
Material ABS + Aluminum + Stainless Steel + Copper.

Product Size: 400mm x 180mm x 87mm.

Weight is About 950g (No Power Bank)

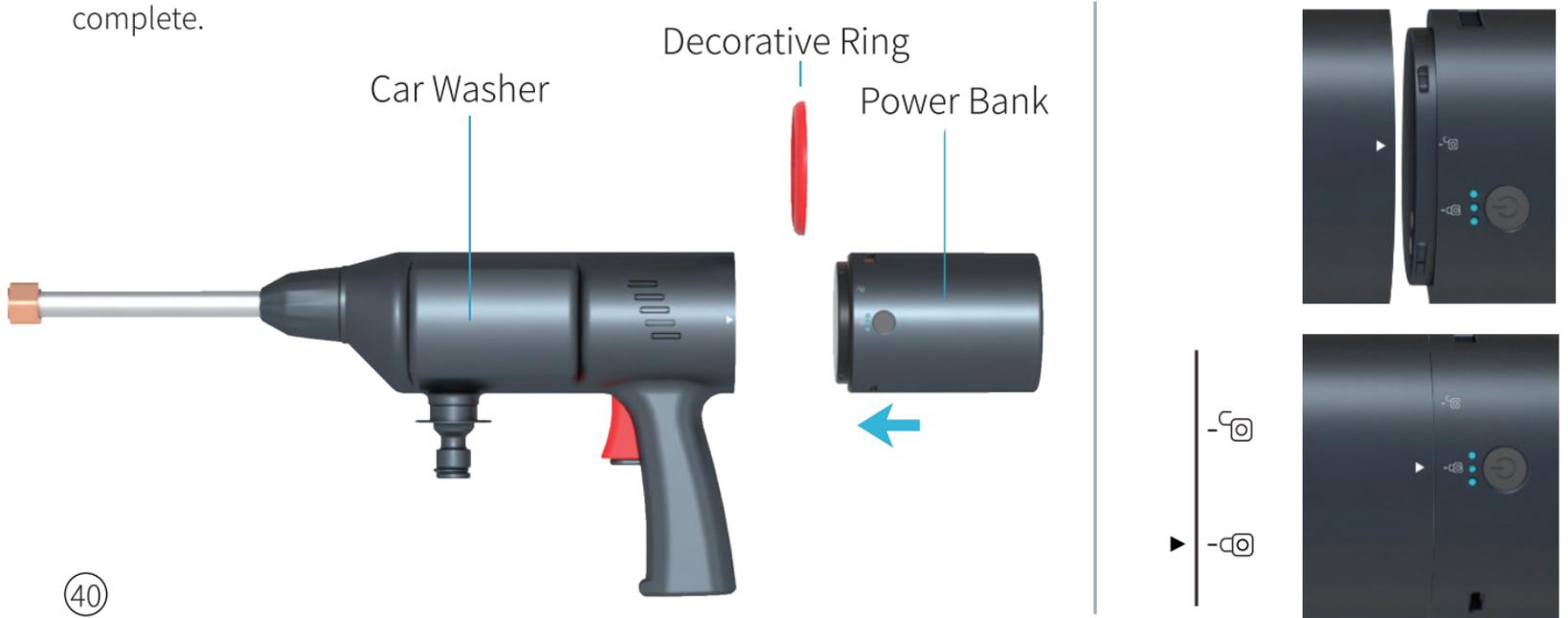
Please refer to the power bank manual (Pages 1 - 13)

Product Description

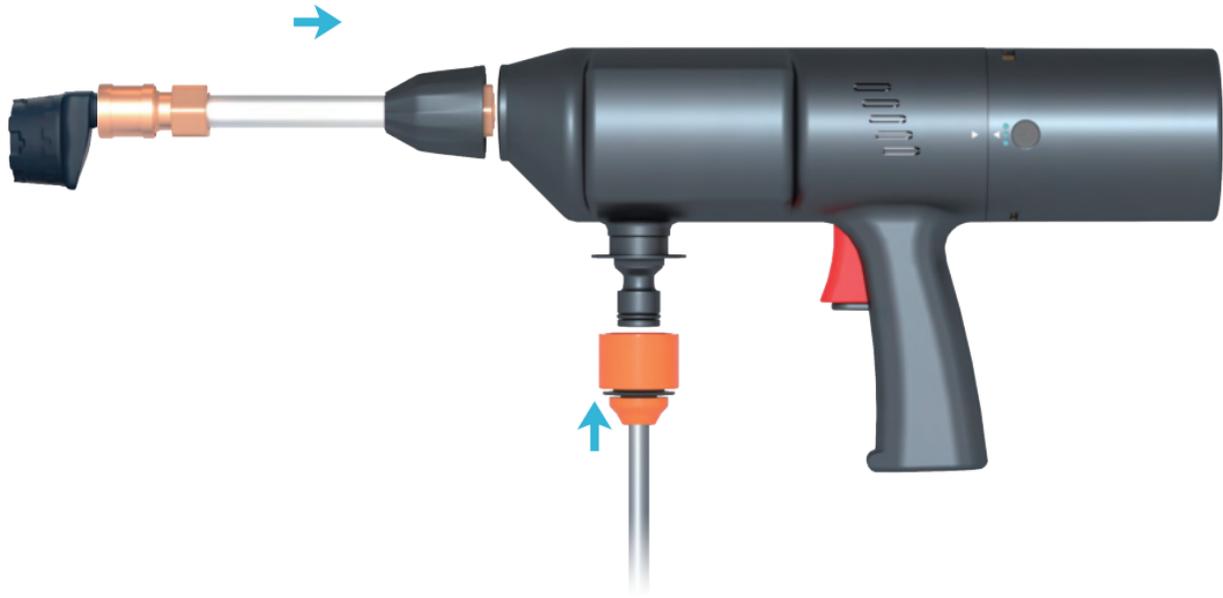


Wireless Model Use Methods

1. Remove the decorative ring of the power bank, align the unlocking mark of the power bank with the small triangle mark at the installation interface of the car washer, and then connect it. Then rotate the power bank to the right to align the locking mark of the power bank with the triangle mark of the car washer, indicating that the installation is complete.

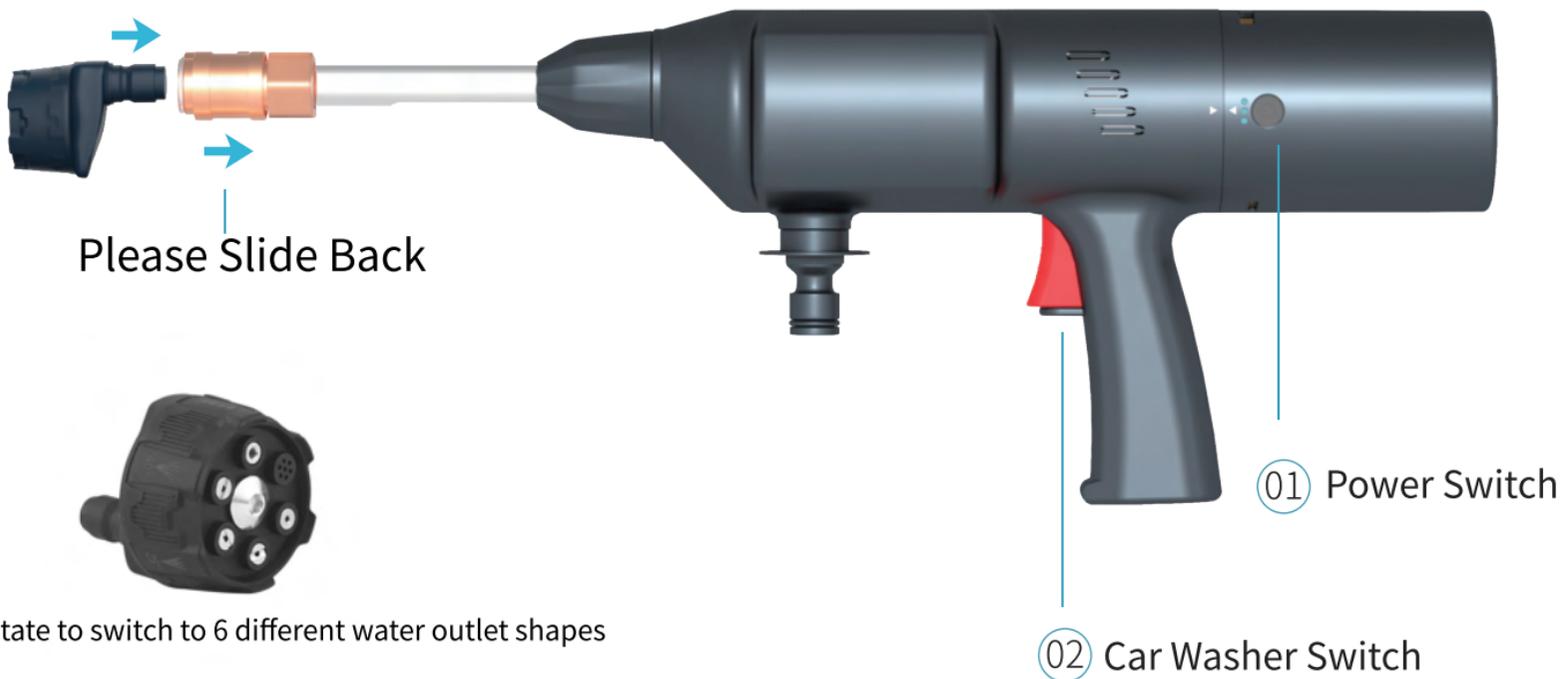


2. The extension tube is rotationally connected to the water outlet of the car washer, and the water tube interface is connected to the water inlet of the car washer.
3. Put the filter screen at the other end of the water tube into a bucket full of water, or directly put it into a clean river or stream with no urgent water flow.



4. Press the 01 power switch on the Power Bank, and then press the 02 red switch beside the handle of the car washer, and the water outlet tube can discharge water at high pressure.

5. The nozzle is equipped with two water shapes, 0 degree and 40 degree respectively. When replacing the nozzle, please slide the copper interface on the extension tube backward to take out the original nozzle for replacement.



Wired Model Use Methods

1. When the Power Bank is not purchased or the Power Bank is short of electricity, the configured vehicle-mounted cigarette lighter line can be directly used to directly supply power to the car washer.
2. Insert the lighter head of the line into the vehicle-mounted cigarette lighter interface, the DC interface at the other end and the DC seat interface at the rear of the car washer handle to power on.

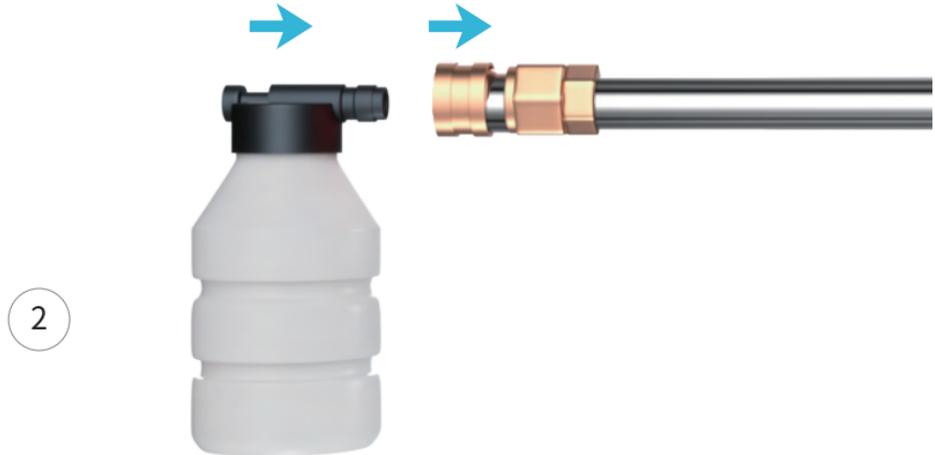


How to use Foam Watering Can

(1) Pour the car wash liquid into the watering can, or pour the car wash powder into the watering can, add the right amount of water and shake it to dissolve, It can be connected to the car washing machine as shown in figure.



(2) Slide the extension tube backward, take out the nozzle, and replace the foam watering can



Suggested Car Washing Method (For Reference Only)



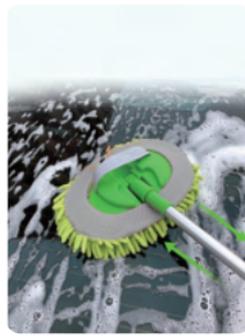
1. Clean the floating sand on the surface of the car paint with the high-pressure water from the car washer and wet the car body.



2. Pour car wash powder or car wash liquid into the foam watering can, add clear water in proportion and shake well.



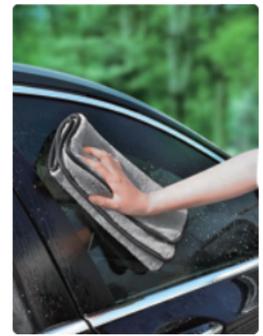
3. Connect the foam watering can to the interface on the extension tube of the car washer, and spray foam on the whole car body.



4. Wipe the car body with sponges, soft brushes, car wash mops and other tools.



5. Rinse the car body with the car washer.



6. Dry the water marks on the car body with a towel.

Washer Cannon Safety Warning



Please read the following warnings and instructions carefully. Failure to comply with the warnings may lead to damage to people and things.

1. It is not allowed to shoot high-pressure water at others or various parts of human body.
2. It is not allowed to inject water into device containing electrical components.
3. To ensure product safety, please use the accessories provided or approved by our company.
4. Disconnect the energy bank after use and before user maintenance or cleaning.
5. Keep the car washer out of reach of children.
6. When the car washer accidentally falls to the ground, it should be stopped when there is visible damage or leakage on it.
7. When connecting the Power battery, the car washer should not be left unattended.

Attention

- (1) Before storage, please completely drain the water in the machine and water tube.
- (2) Please wipe the body with a soft brush or clean cloth.
- (3) Do not use water, solvent or polishing agent.
- (4) Please keep the machine in a safe and dry place and avoid children's contact.
- (5) Do not place other items on the machine.
- (6) When storing machines and accessories, please pay attention to frost prevention.