

PORODO



Porodo

6-In-1 Multi-Function Power Tool

SKU: PDPBFCH091BKGR

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Specifications

Blower Speed	273m/s
Suction Speed	284m/s
Max Pressure	150PSI
Noise Level	77dB
Air Pump Flow Rate	22L/min
Brightness	200 Lumens
Working Temperature	-10°C~45°C
Cable Length	1m USB -C
Air Hose Length	35cm
Product Weight	1.7kg
Model Number	PB091

Attention

- 1.** Children are forbidden from using this product. Keep it in a safe place out of their reach. Do not insert the air hose into the mouth, ears, or eyes of people or animals. Do not use the product as a toy.
- 2.** Do not use the product near flammable or combustible liquids and gases, such as at gas stations.
- 3.** The product generates heat while inflating tires. To maintain proper function, operate the product for no more than 15 minutes at a time, then allow it to rest for 10 minutes after cooling before using again. This helps extend the product's lifespan.
- 4.** If you hear abnormal sounds or notice excessive heat while inflating, immediately turn off the product and let it cool for at least 15 minutes. Be cautious when disconnecting the air hose as it may be hot.
- 5.** If the product is unused for an extended period, store it in a dry place. For long-term storage, it is recommended to charge the product every six months.
- 6.** Ensure the product is fully charged before use. Always use the dedicated accessory charging cable.

Warnings

1. For your safety and the safety of others, please use the product and its accessories according to the manual. Using the product in ways not mentioned in the manual may be dangerous.
2. The jump starter is suitable for gasoline generators smaller than 6L Gas and 3L Diesel.
3. Disconnect the charger during thunderstorms to avoid damage from lightning strikes.
4. Keep the product within a temperature range of -10 to 35 degrees Celsius. Do not use or store the product in high-temperature or high-humidity environments. Do not throw it into fire to avoid explosion risk.
5. Keep the product away from heat sources and ensure it is well ventilated.

Notes on Using the Product

To protect the jump starter and extend its lifespan, please follow these guidelines for emergency car starting:

1. First, make sure the car's battery power is weak or insufficient.
2. Ensure the jump starter's power is above 75 %.
3. The time for jump-starting the car should be less than 2 seconds.
4. If the jump start fails, wait at least 30 seconds before trying again.
5. If the car does not start successfully after 3 attempts, stop jump-starting and perform relevant checks. Only proceed again after confirming everything is okay.

Remark:

If the car's battery has no power (voltage is 12V), when the jump starter's clamp is connected to the car's battery, a red light will appear and the buzzer will sound. Do not start the car and disconnect the battery clamp immediately.

Smart Clamp Operation Instructions

1. The EC5 terminal on the smart clamp will automatically activate one second after connecting to the jump starter. To turn off the jump starter, simply pull out the clamp.
2. In standby mode, when the smart clamp is powered on but not connected to a load, the red and black clamps do not conduct current. During this time, the red and green indicator lights will flash alternately, and the buzzer remains silent.
3. In start mode, when the clamps are properly connected to the battery, the green light will remain on, the red light will turn off, and the buzzer will stay silent, allowing you to start the vehicle.
4. If the clamp detects incorrect operation while in standby mode, it will issue a fault warning. Once the fault is resolved, the clamp will return to standby mode with alternating red and green lights and no buzzer sound.
5. After the vehicle starts, if an overload occurs, the clamp will activate its current protection system and shut down automatically. If no overload is detected, the clamp will enter a temporary disconnected protection state. Disconnecting both the input and output will reset the status.

Jump Start Car

Please check the battery's power with the smart clamp before starting the car. If the clamp's indicator light is off, disconnect one of the car's battery poles and reconnect it, ensuring the positive and negative poles are correct. If the car still does not start, disconnect the battery and try again.

Note: When the clamp checks the battery's power, a green indicator light means the battery power is sufficient; a red light means the power is weak, and a flashing red light means the power is lost. The battery indicator is for reference only, as the battery may sometimes show false readings. Do not give up trying to start the car just because the clamp shows a green light.

1. Insert the EC5 male connector of the smart clamp into the female connector of the jump starter. The device will automatically turn on after one second. The red and green lights will flash alternately, and the buzzer will remain silent.
2. Properly connect the red clamp to the positive battery pole and the green clamp to the negative battery pole. When the smart clamp's green light turns on and the buzzer is silent, you can start the car.
3. Turn the car key to start the engine. After the car starts, remove the jump starter first, then disconnect the red and black clamp cables.
4. If the car does not start, remove the jump starter and clamps, then repeat steps 1 to 3. If the car still does not start, the issue may not be the battery but another problem with the car.

Smart Clamp Warnings and Cautions

1. Do not throw the clamp into water
2. Keep it away from heat and fire
3. Do not disassemble or modify the product
4. Avoid dropping or striking the product
5. Do not cause a short circuit between the red and green clamps when the smart clamp's green light is on.




Technical Data and Troubleshooting

Item	Specification	Description
Input high voltage protection	DC17.5±0.5V	Input voltage for EC5 port control.
Input low voltage protection	DC 14.2+0.4V	Input voltage for EC5 port control.
Reverse polarity detection at minimum voltage	≥1V	Minimum identification voltage for the car battery when red and black clamps are reversed.
Minimum load identification resistance	≥4±212(min)	Impedance identification of the starting motor.
Start continuous current	400A±10 %	Duration time less than 3 seconds.

Start peak current	800A± 10 %	Duration time less than 0.2 seconds.
High current output protection	Yes	If the continuous load current exceeds 100A, protection activates after 60 seconds; between 100A and 150A, power off protection activates after 30 seconds; above 150A, power off protection activates after 5 seconds. To reset, disconnect both input and output terminals, then power on again. Current limiting parameters may vary depending on internal component resistance.
Output high voltage protection	Yes	Red light stays on, but troubleshooting can automatically recover the system.
Output low voltage protection	Yes	Red light stays on, troubleshooting can automatically recover.
Output polarity reversal protection	Yes	Red light stays on and buzzer emits a short beep alarm; troubleshooting can automatically recover.
Reverse charge protection	Yes	Output turns off, red and green lights flash alternately; troubleshooting can automatically recover.
Output short-circuit protection	Yes	Red and green clamps short-circuit without sparks or damage. Red light stays on and buzzer sounds alarm with power-off protection.
Start current over-limit protection	Yes	If the clamp falls off before starting the car, the system returns to standby mode.
Clamp loosening prevention	Yes	When the car battery voltage is low ("virtual"), the car can still start normally. The voltage drop during electric re-ignition may be insufficient to start the car, so the intelligent clamp automatically outputs the necessary start current.

Automatic anti -false electricity power function	Yes	When output is active and clamps are connected for jump start, a buzzing buzzer and a steady red light indicate a relay short circuit failure —stop using the device.
Relay adhesion alarm	Yes	The smart clamp powers on for 60 seconds. If the car does not start within this time, it will power off. Disconnecting and reconnecting the input and output can reset this status.
Start overtime protection	Yes	Input end is not connected to the jump starter; ensure the red and black clamps are properly connected to the battery poles.
Battery check function	Yes	The smart clamp battery power detection shows three states indicated by lights: green for normal, red for weak, and flashing red for power loss.
Input reverse protection function	Yes	If input polarity is reversed, the device will not be damaged.

Air Compressor Operation

1. Connect one end of the air hose to the air compressor and screw the other end onto the tire valve core. For French valve cores, please tighten the conversion nozzle.
2. To activate the LCD screen intelligent air compressor, press and hold the  button for a long time to power it on. Use the LCD screen to set the desired pressure value. If there is no operation for a period, the device will automatically enter sleep mode. Press and hold the button again to wake it up.
3. To select the unit, press the  button to choose between PSI, BAR, KPA, and KG/CM² modes.
Use the “+” and “-” buttons to increase or decrease the pressure value. Set a suitable pressure value, which will blink for 5 seconds. Then press the power button  to start inflating.

4. The compressor will automatically stop inflating once the tire reaches the set pressure.
5. To activate the SOS and LED light, press the "☀️" button.
6. After inflating the tire, be careful of the air hose temperature. Once cooled, quickly rotate one end of the air hose out of the valve core, and then remove the other end from the compressor.
7. Charging time for the air compressor is 3-5 hours, depending on the USB charger power.
8. Power bank function: After turning off the product, the screen will go black, but the USB output can still be used to charge a phone or other devices.
9. Ball inflation instruction: Be careful when inflating balls with the air needle. Do not insert the air needle completely into the ball's valve (trachea), as it may block the inflate port and prevent inflation. The correct method is to keep the air needle mouth and hose mouth flush.

Using the Blower/Vacuum Cleaner

Press the mode switch button "🔌" to cycle through modes until you reach "🌀", then press the power button "🔌" to activate the selected function.

Product Battery Description

1. Transportation of Product Battery

The battery should be in a semi-charged state of 20-50 % during transport. Packaging must prevent violent vibrations, impacts, or extrusion, and protect the battery from sun and rain. Suitable for transport by car, train, ship, plane, or other ordinary methods.

2. Storage of Product Battery

2.1 Store batteries in a clean, dry, and ventilated room with an ambient temperature between -5°C and 35°C. Avoid corrosive substances, fire, and heat sources. Recharge the battery every 6 months during storage.

- 2.2** Use the battery in a normal indoor environment with a temperature of $20\pm5^{\circ}\text{C}$ and relative humidity of $65\pm20\%$.
- 2.3** Keep the battery away from heat sources and high pressure. Prevent children from playing with or hitting the battery.
- 2.4** Use the matching adaptor to recharge the battery. Do not charge the battery for more than 24 hours.
- 2.5** Avoid short-circuiting the battery poles. Do not disassemble the battery yourself and avoid placing the battery in moist areas to prevent danger.
- 2.6** If the battery is not used for a long time, store it in a semi-charged state wrapped in a non-conductive material to prevent metal contact, damage, and store in a cool, dry place.
- 2.7** Dispose of waste batteries safely and properly. Do not throw them into fire or water.

Battery Safety Instructions

1. Do not disassemble the battery

The battery contains a protection mechanism and circuit to prevent danger. Improper removal may damage this protection and cause the battery to heat up, emit smoke, deform, or catch fire.

2. Avoid battery short-circuit

Do not connect the battery's positive and negative terminals with metal objects. Do not store or transport the battery with metal sheets. A short circuit can cause a large current flow, damaging the battery and causing it to heat, smoke, deform, or burn.

3. Do not heat or incinerate the battery

Heating or burning the battery can melt insulation, disable safety functions, cause electrolyte combustion, and result in overheating, smoke, deformation, or fire.

4. Keep the battery away from heat sources

Avoid using the battery near fire, ovens, or in environments exceeding 80°C. High temperatures can cause internal short circuits, overheating, smoke, deformation, or fire.

5. Do not wet the battery

Moisture can damage the internal protection circuit and cause abnormal chemical reactions, leading to overheating, smoke, deformation, or fire.

6. Avoid charging the battery near fire or in direct sunlight

Do not expose the battery to water or charge it near fire or direct sunlight. This can cause damage to internal circuits and chemical reactions that may result in overheating, smoke, deformation, or fire.

7. Avoid using non-dedicated adapters to charge the battery

Charging the battery under abnormal conditions may damage the internal protection circuit and product functions, causing chemical reactions that lead to overheating, smoke, deformation, or fire.

8. Do not damage the battery

Do not use metal tools to chisel, hammer, or strike the battery, or use any other methods to damage it. Doing so may cause overheating, smoke, deformation, fire, or other hazards.

9. Do not weld directly on the battery body

Welding can melt the battery insulation, damage safety functions, or cause electrolyte combustion, leading to overheating, smoke, deformation, or fire.

10. Do not charge the battery directly from electrical outlets or car sockets
Cigarette sockets provide high voltage and current, which can damage the battery and cause overheating, smoke, deformation, or fire.

11. Do not use the battery for unintended devices

Using the battery improperly can damage its properties, reduce its lifespan, and cause overheating, smoke, deformation, or fire.

12. Avoid contact with leaking battery fluid

Electrolyte leakage may cause skin irritation. If electrolyte gets into the eyes, rinse immediately with water and seek medical attention promptly.

Warnings

- 1.** Do not mix this battery with others, as abnormal charging and discharging may cause overheating, smoke, deformation, or fire.
- 2.** Keep the battery out of reach of children to prevent ingestion or injury. In case of swallowing, seek immediate medical help.
- 3.** If the adapter exceeds normal charging time or continues charging, stop immediately to prevent overheating, smoke, deformation, or fire.
- 4.** Do not place the battery in microwaves, ovens, pressure containers, or expose it to extreme heat, odors, or damage. If abnormalities occur, discontinue use immediately.

Matters Needing Attention

- 1.** Avoid using batteries in environments with strong light exposure to prevent overheating, deformation, or burning. This helps maintain battery performance and extend its lifespan.
- 2.** The battery contains a protection circuit to prevent accidents. Do not use the battery in areas with high static electricity (over 2200V), as this can damage the protection board and cause abnormal battery behavior such as overheating, deformation, smoke, or fire.
- 3.** The recommended charging temperature range is 0-40°C. Charging outside this range may reduce battery performance and shorten its life.
- 4.** Please read the manual carefully before using the product and refer to it as often as needed.

5. Please use a dedicated charger and follow the recommended charging method to charge the product. Charge the product under recommended environmental conditions.
6. When using the product for the first time, if it appears untidy, smelly, or shows any abnormal signs, discontinue use with mobile phones or other devices and return the product to the seller.
7. Before children use the product, they should be guided by their parents and supervised during use.
8. Keep the battery in a place where children cannot easily access it. Prevent children from removing batteries from electrical appliances or mobile phones and playing with them.
9. Avoid contact with battery leakage on skin or clothing. If contact occurs, rinse with water immediately to prevent skin discomfort.

Disposal

This product must not be disposed of as unsorted household waste. It is important to separate such waste for proper treatment and recycling, in compliance with local waste management regulations.



Warranty

Products that you buy directly from our **Porodo** website or shop come with a 24-month warranty.

When you buy **Porodo** products from any of our approved sellers, you only get a 12-month warranty. If you want to extend this warranty, go to our website at **porodo.net/warranty** and fill out the form with your information. Don't forget to upload a picture of the product too. After we've checked and accepted your request, we'll send you an email to confirm that your product's warranty has been extended.

For more info, please check:

porodo.net/warranty

Contact Us

If you have any questions about this Privacy Policy, please contact us at:

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