

PORODO



Porodo

IGNATOV

Jump Starter & Air Pump

SKU: PDJS41BK

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Product Overview

The Ignatov Jump Starter & Air Pump is a versatile handheld device that combines jump-starting and air pumping capabilities. It features a 200A start and 400A peak smart clamp, allowing you to start cars, motorcycles, and motorboats with ease. The device offers a fast 22L/min inflation rate up to 150PSI, with five preset modes for various inflating needs such as cars, motorcycles, bikes, balls, and custom settings. Additionally, the jump starter includes a turbo-powered vacuum with a suction strength of up to 6.5kPa, along with a washable HEPA filter and a 0.12L dust cup for efficient cleaning. The multi-mode LED light adds extra convenience, and it also comes with USB-C recharge capability for seamless power management. This all-in-one device is designed to provide both jump-starting and cleaning solutions in a compact, portable form.

Specifications

| | |
|-----------------------|------------------------------------|
| Rated Power | 100W |
| Battery Capacity | 4 x 1500mAh Polymer |
| Charging Input | 5V/2A |
| Charging Port | USB-C |
| Recharge Time | 3H |
| Start/Peak Current | 200A/400A |
| Vehicle Compatibility | 4.0L Petrol, 2.5L Diesel, 2.5L CNG |

| | |
|-------------------|--|
| Preset Modes | Car / Motorcycle/Bicycle / Ball / Custom |
| Pressure Units | PSI / Bar / kPa |
| Cylinder Diameter | 19mm |
| Pressure Range | 3-150 PSI |
| Airflow Rate | 22L/Min |
| Filtration | Washable HEPA |
| Runtime | 22 Min (High) / 45 Min (Low) |
| LED Modes | White / Red / SOS |
| Suction Power | High 6.5kPa / Low 3.5kPa |
| Product Size | 6.4 x 6.8 x 31.5cm |
| Net Weight | 750g |
| Model Number | PDJS41 |

Product Features

1. Jump Start Boost

The Ignatov is equipped with smart clamps capable of delivering a 200A start and 400A peak current, making it ideal for jump-starting cars, motorcycles, and motorboats. This feature ensures that you can quickly get your vehicle back on the road, even in emergencies, without the need for another car to assist.

2. Smart Air Pump

The built-in air pump delivers a rapid inflation rate of 22L/min, reaching pressures of up to 150PSI. It offers five preset pressure modes for various inflating needs: Car, Motorcycle, Bike, Ball, and Custom settings. This flexibility allows you to easily inflate tires, sports equipment, and more with precision, making it an essential tool for outdoor enthusiasts and drivers alike.

3. Turbo Vacuum Power

The vacuum function is powered by a turbo suction system that provides up to 6.5kPa of suction power. It also features a washable HEPA filter, which ensures that dust and debris are efficiently captured. The 0.12L dust cup offers convenient storage for the collected dirt, making it perfect for cleaning car interiors, workshops, and other hard-to-reach areas.

4. Multi-Mode LED Light

For added convenience, the Ignatov comes with a multi-mode LED light. This feature can be used in different lighting modes, providing the necessary illumination during emergency situations, nighttime use, or when performing tasks in dimly lit environments.

5. Washable HEPA Filter

The device comes with a HEPA filter that helps trap fine dust particles, ensuring that the air is filtered and clean. It is washable, making maintenance hassle-free and cost-effective.

6. USB-C Recharge

The Ignatov Jump Starter & Air Pump supports USB-C charging, offering a quick and efficient way to recharge the device. This modern charging port ensures faster power replenishment and is compatible with a wide range of USB-C chargers, adding to the overall convenience of use.

Safety Precautions

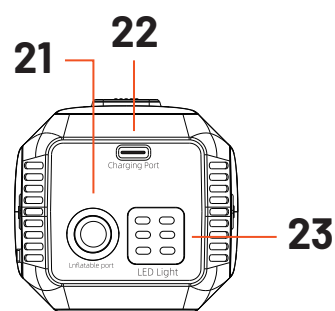
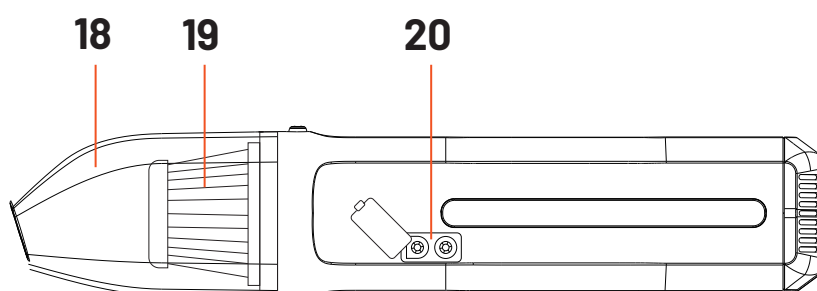
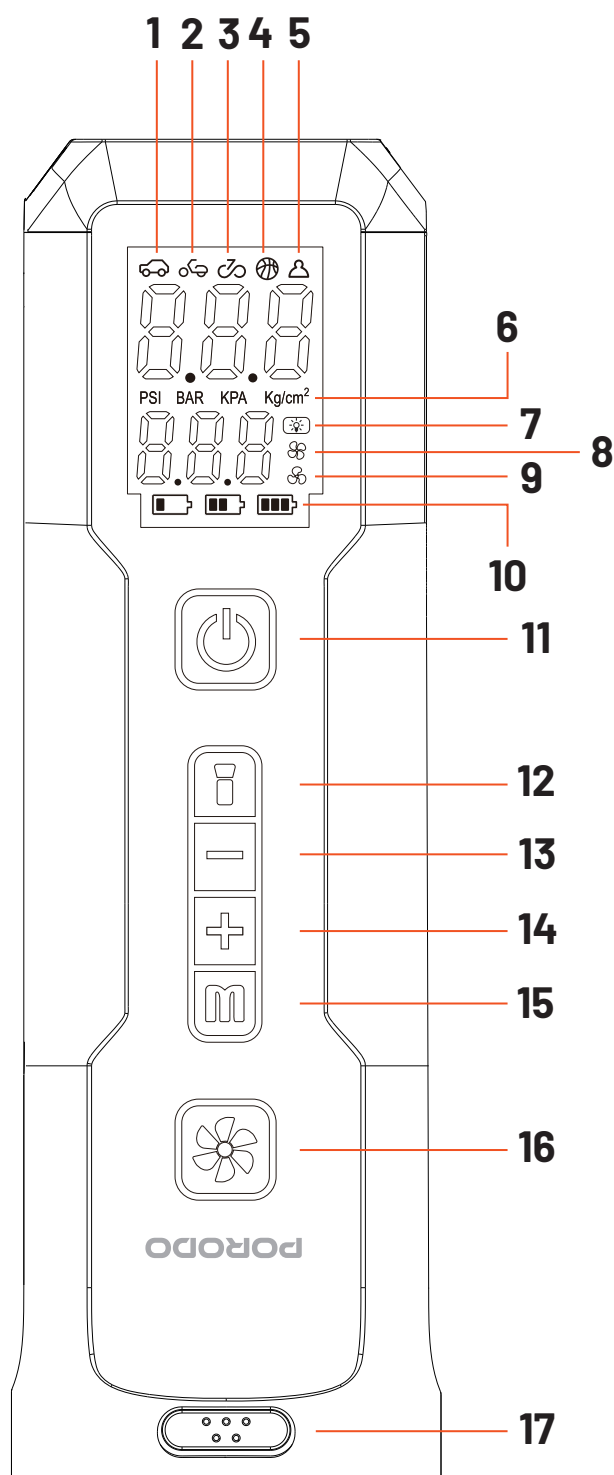
- 1.** Keep small accessories out of reach of children to avoid choking hazards.
- 2.** The inflation hose will get hot during use; handle with care.

- 3.** Avoid overinflating the tire as excessive pressure can cause damage.
- 4.** Allow a 60-second break between continuous uses to prevent overheating.
- 5.** Use only the included jumper clamps; do not use damaged clamps or cables.
- 6.** Store the product in cool, dry conditions, avoiding hot temperatures and high humidity.
- 7.** Do not modify or disassemble the product.
- 8.** Keep the product away from flammable liquids, gases, dust, and corrosive materials.
- 9.** The jump-start function is only compatible with 12V vehicles. 10Ensure the blue plug is fully inserted into the socket to prevent burning.
- 10.** Ensure the starter's battery is above 75% before attempting to jump-start your car.
- 11.** Do not drop or toss the product. If damaged, have it tested by a qualified technician.
- 12.** Dispose of the lithium battery in accordance with local guidelines when its service life ends.
- 13.** Supervise the air compressor during inflation.
- 14.** Check the preset value and unit before use.
- 15.** Never aim the nozzle at people or any body parts.
- 16.** Avoid extended use. Cool down the product for at least 10 minutes after 10 minutes of continuous use.
- 17.** Do not use the jump starter above 70°C/158°F.
- 18.** Use the jump starter only in temperatures between 32–113°F (0–45°C).

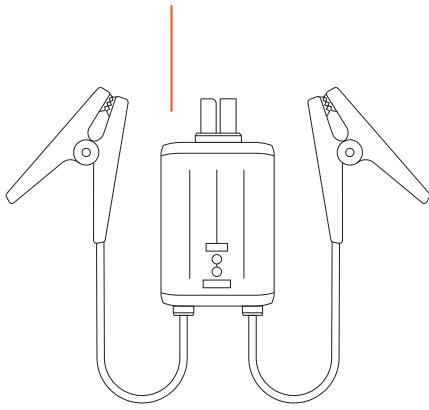


Schematic View

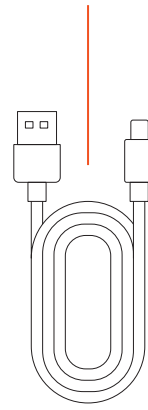
1. Car Mode
2. Motorcycle Mode
3. Bicycle Mode
4. Basketball Mode
5. Custom Mode
6. Units
7. Light
8. Vacuum Level (High gear)
9. Vacuum Level (Standard gear)
10. Battery Level
11. Power ON/OFF Button
12. Light Button
13. "-" Button
14. "+" Button
15. "M" Button
16. Vacuum Button
17. Dust Cup Button
18. Dust Cup
19. Washable HEPA filter
20. Battery Clamp Port (Jump starter equipped)
21. Inflator Port
22. Charging Port
23. LED Light/SOS



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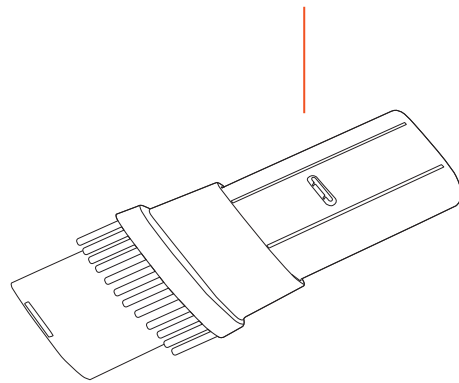
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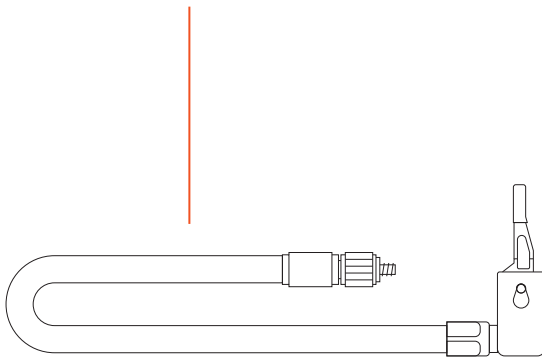
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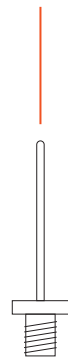
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32



24. Smart Battery Clamps

25. USB Charging Cable

26. Storage Bag

27. Crevice/Brush Nozzle

28. Air Hose

29. Swing Ring Nozzle

30. SUP Pump Adapter

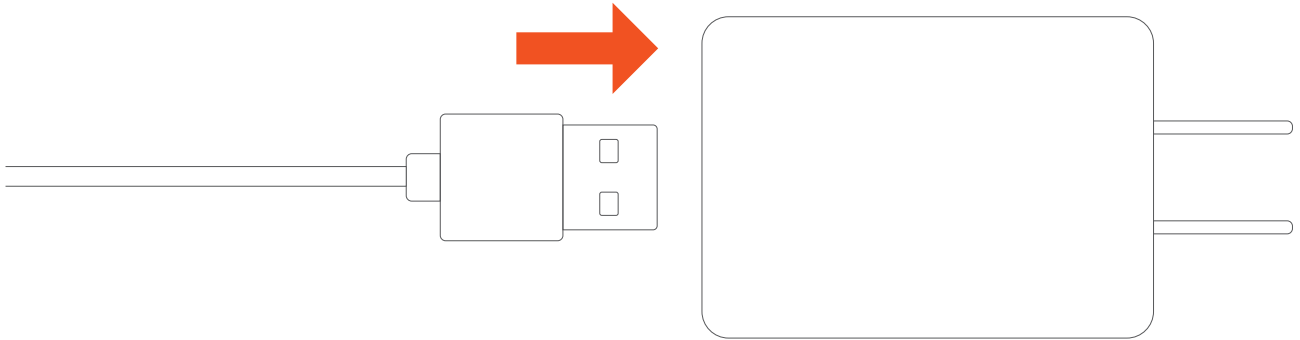
31. Bicycle Adapter

32. Needle Valve Adapter

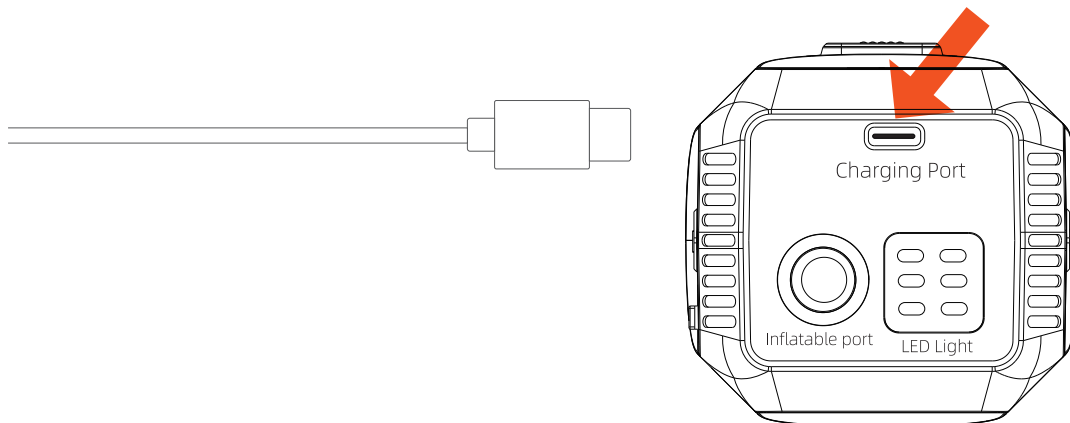
Charging Instructions

1. Preparation: How to Charge the Air Compressor

a. Connect the USB-A end of the charging cable to the charger.



b. Connect the USB-C end of the charging cable to the Type-C port on the air compressor.



2. Battery Indicators:



1 Bar: Under 30%



2 Bars: Between 30% and 60%



3 Bars: Between 60% and 100%

Note: The battery indicators will illuminate in a circular pattern while charging. The illuminated indicators show the current battery level. If all four indicators are off, the charging is complete.

Pressure Guide

Tires:

Ensure the tire pressure is correct to avoid overinflation, which can cause damage or personal injury. The recommended pressure is typically marked on the tire's sidewall or may be available in the vehicle’s manual or on the inside of the driver's door.

Balls:

Recommended pressure values are often indicated on the air valve of sports balls, including soccer balls, basketballs, volleyballs, and others.

Air Pressure Reference Table

Bicycles

| Type | Recommended Pressure Range |
|--|----------------------------|
| Electric folding bike tires | 10-50 PSI |
| 12 ,14 ,16 -inch bicycle tires | 30-50 PSI |
| 20 ,22 ,24 -inch bicycle tires | 40-50 PSI |
| 26 ,27.5, 29 -inch mountain bike tires | \$45-65 PSI |
| Electric scooter tires | 40-50 PSI |
| 700 c road bike clincher tires | 100-130 PSI |
| 700 c road bike tubular tires | 120-145 PSI |

Bicycles

| Type | Recommended Pressure Range |
|-----------------------------------|----------------------------|
| Scooter & street motorcycle tires | 1.8-3.0 Bar |

Car

| Type | Recommended Pressure Range |
|-----------|----------------------------|
| Car tires | 2.2 - 2.8 Bar |

Balls

| Type | Recommended Pressure Range |
|-------------|----------------------------|
| Basketball | 7-9 PSI |
| Soccer ball | 8-16 PSI |
| volleyball | 4-5 PSI |
| Football | 12-14 PSI |

NOTE: Please note that the pressure values above are provided for reference only. For accurate information, refer to the user's manual or instructions of the object.

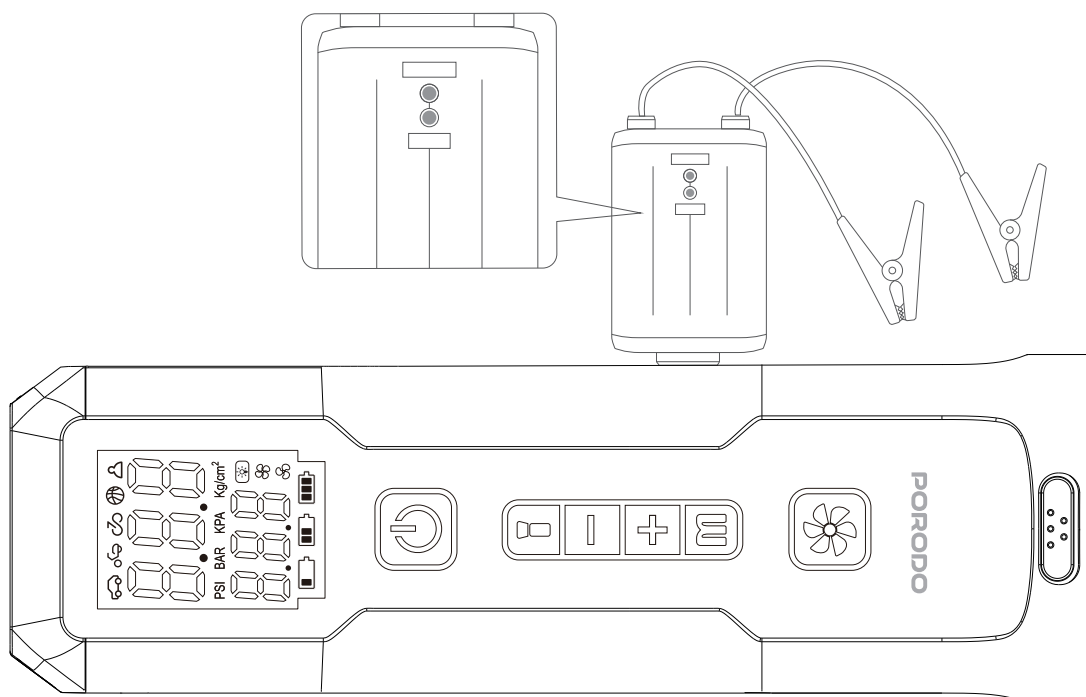
Jump-start Instructions

1. Ensure the smart battery clamps are fully inserted into the jumpstart port. If correctly inserted, the indicator on the smart jump starter cables will flash.

Indicator: Illuminated red

Cause: Low voltage

Solution: Charge the battery



2. Securely connect the clamps to the battery terminals as instructed. The smart jump starter's indicator will turn green.

Red indicator illuminated, short beep sound

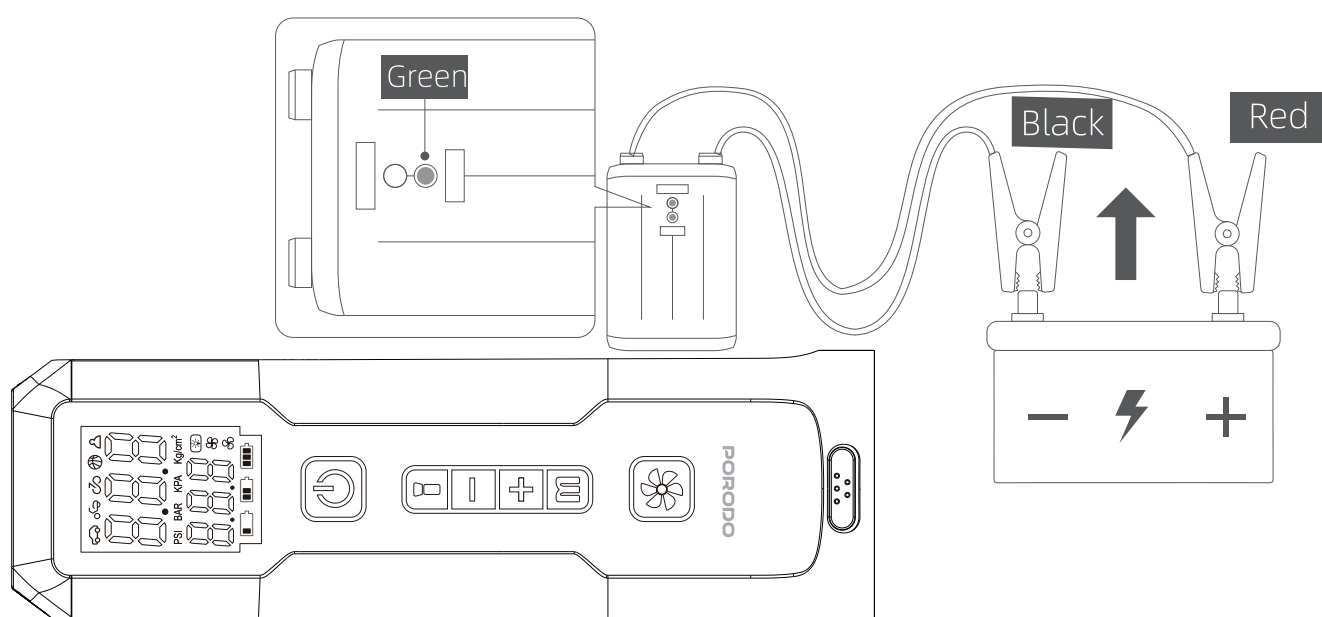
Cause: Short circuit

Solution: Check the circuit or retry step 1.

Red indicator illuminated, short beep sound

Cause: Reversed polarities

Solution: Reverse the clamps.

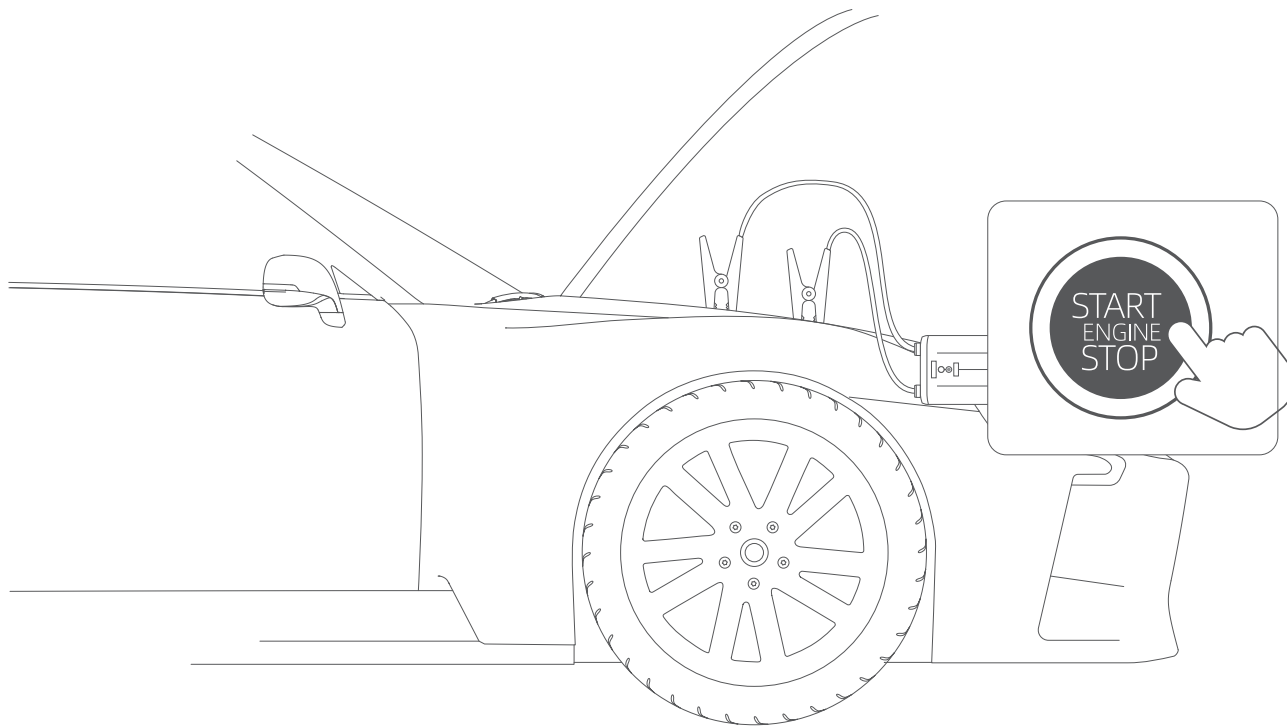


3. Activate the vehicle's ignition to jumpstart it.

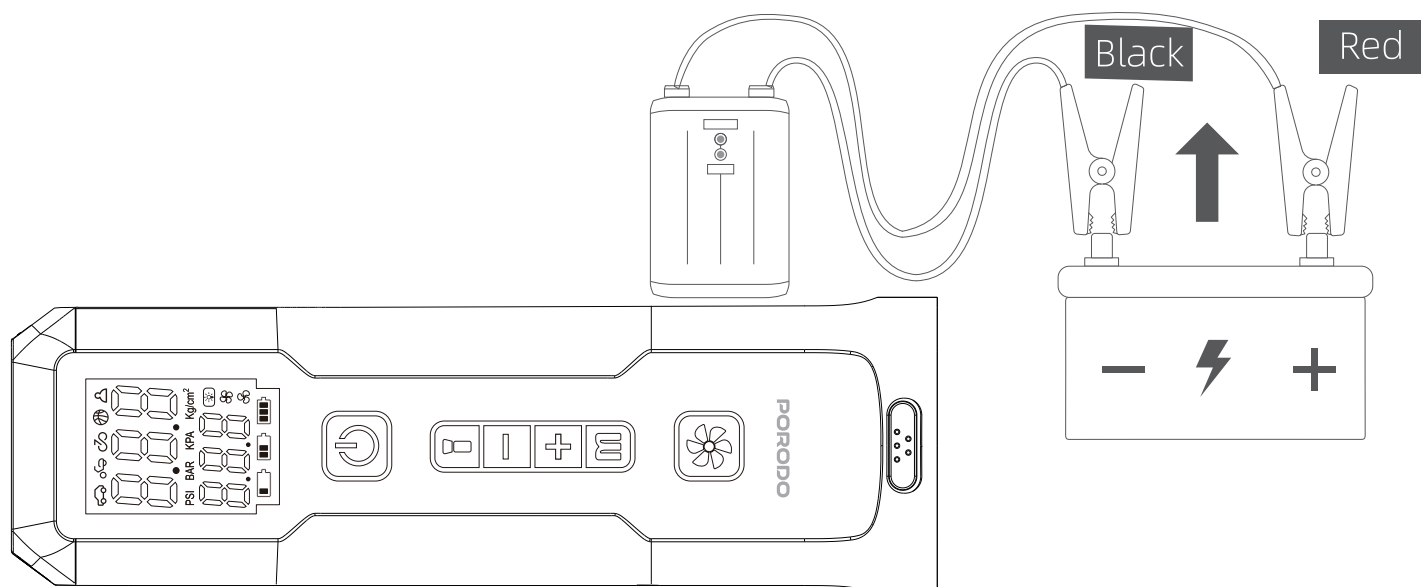
Flashing red light

Cause: Failed to jumpstart within 30 seconds.

Solution: Remove the clamps and repeat step 1.



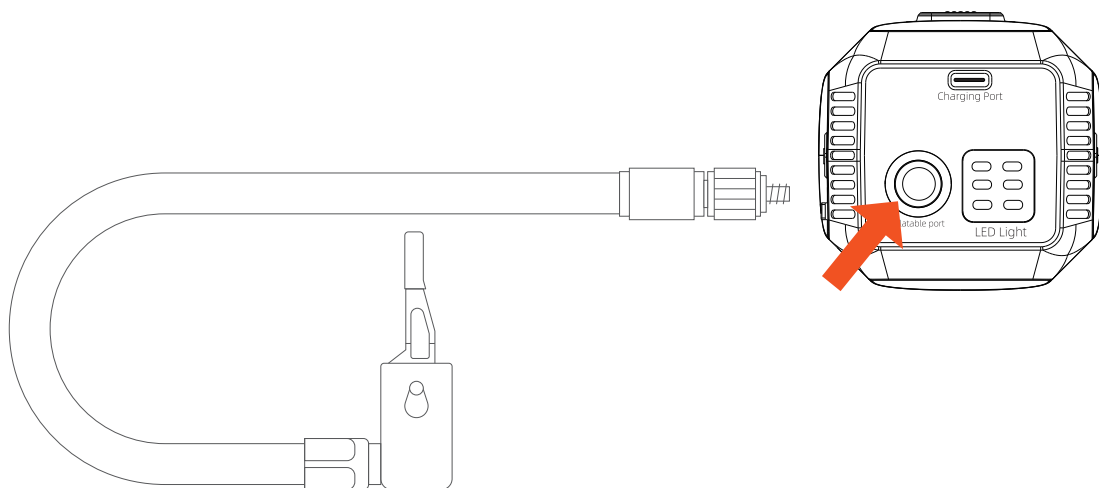
4. Remove the jumper cables after successfully starting the car.



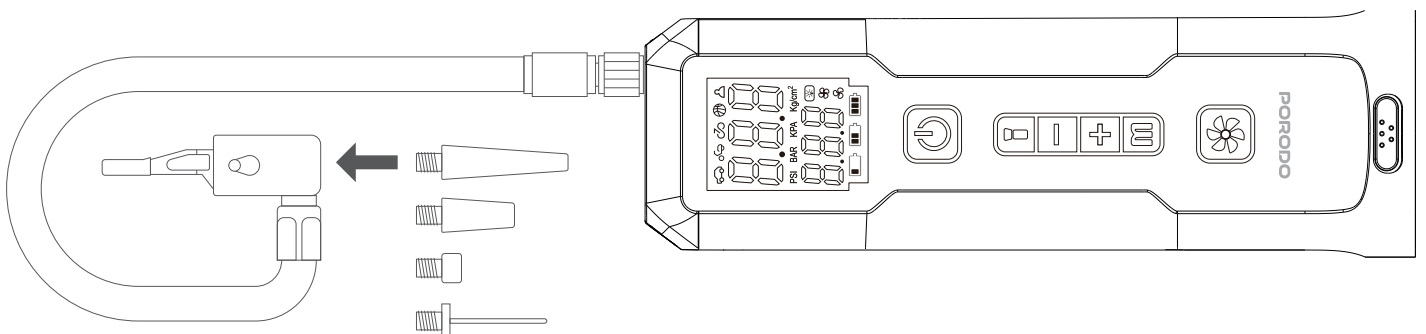
- Tip 1:** Turn off all electrical devices in the vehicle before jump-starting it.
- Tip 2:** If the vehicle doesn't start within 60 seconds of attempting ignition, remove the clamps. Wait for 60 seconds, then retry.
- Tip 3:** For optimal battery performance and longevity, charge the jump starter when its battery level falls below 75%.
- Tip 4:** If the jump starter will be idle for an extended period, fully charge it. Recharge it every three months to maintain its lifespan.

Inflating Instructions

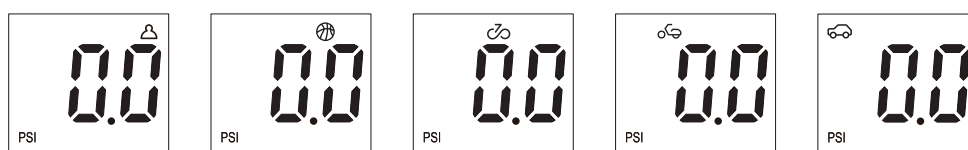
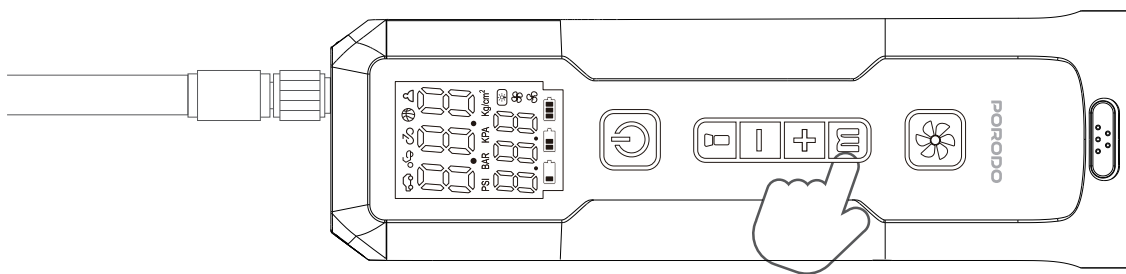
- 1.** Connect the air hose to the inflate port of the air compressor after turning it on.



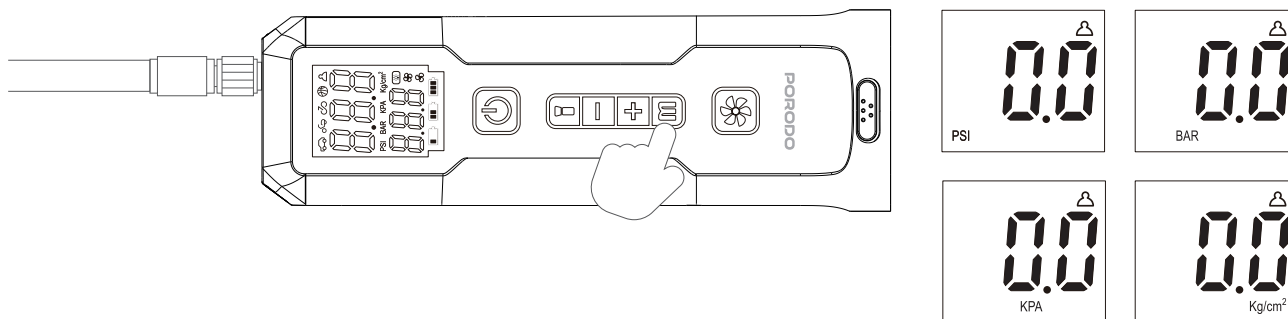
- 2.** Choose an appropriate nozzle to connect



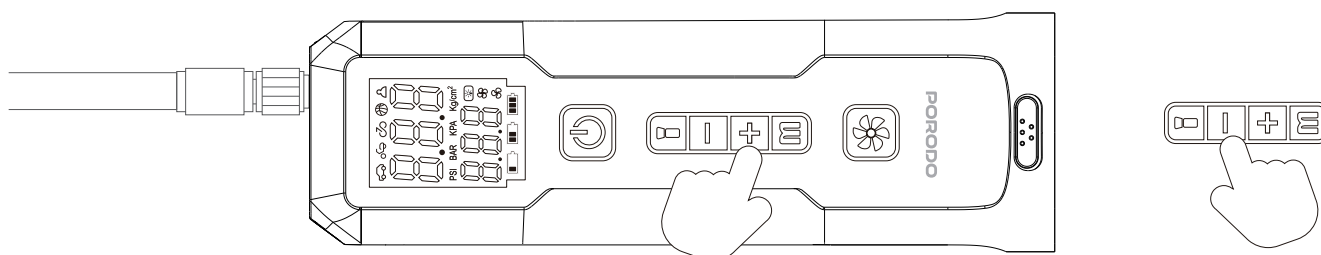
- 3.** Short-press the "M" button to choose the desired mode:
Car/Motorbike/Bicycle/Basketball/Custom.



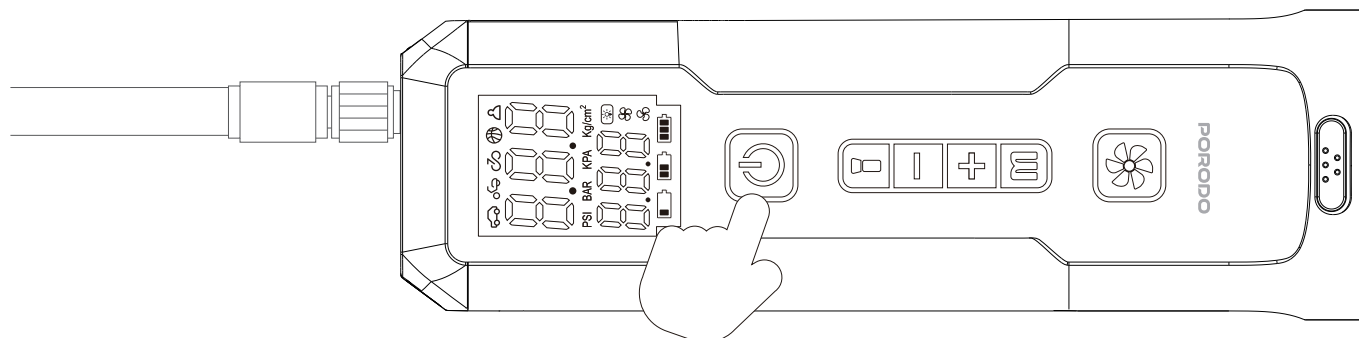
- 4.** Long press the "M" button to choose PSI/Bar/KPA/Kg/cm2.



- 5.** Use the "+" or "-" buttons to adjust values. The screen will flash 3 times.



6. Press the power Button to inflate. The air compressor will automatically stop after the inflation is completed.



6. Press the power Button to inflate. The air compressor will automatically stop after the inflation is completed.

Inflation Tip: The maximum pressure for the custom mode is 150 PSI. The pressure for the other four modes is fixed to prevent damage or safety hazards.

Car: 58 PSI / 4 Bar

Motorcycle: 51 PSI / 3.5 Bar

Bicycle: 150 PSI / 10.3 Bar

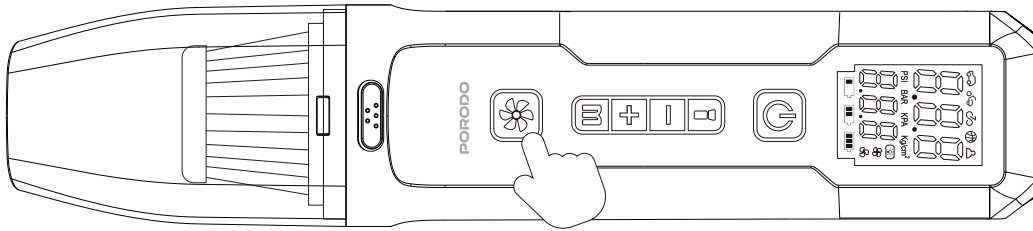
Basketball: 14 PSI / 1 Bar

Note: The air hose may heat up during inflation. Avoid touching the hose directly as it may cause burns.

Vacuum mode guide

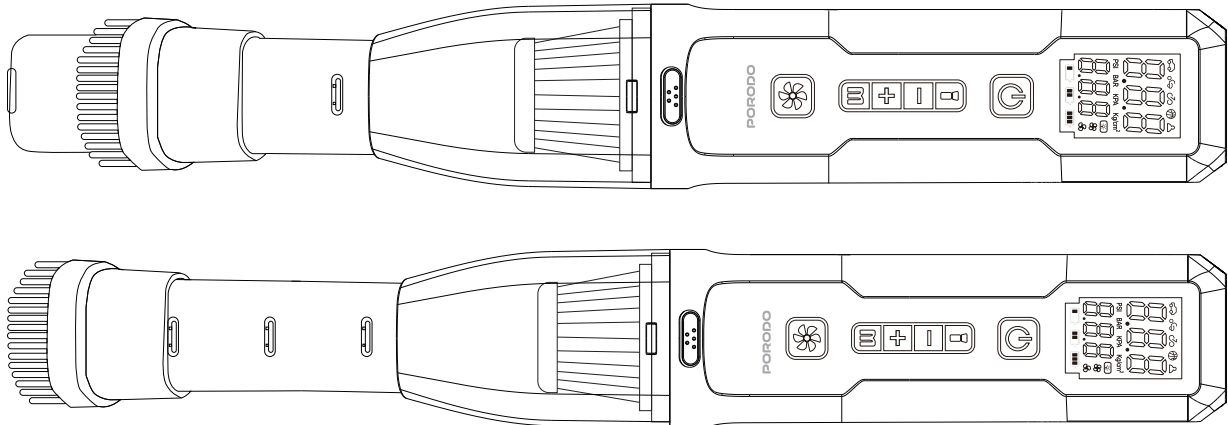
1. Turn on the Product

Press and hold the Vacuum Button for 2 seconds to power on the product.



2. Connect the Nozzle

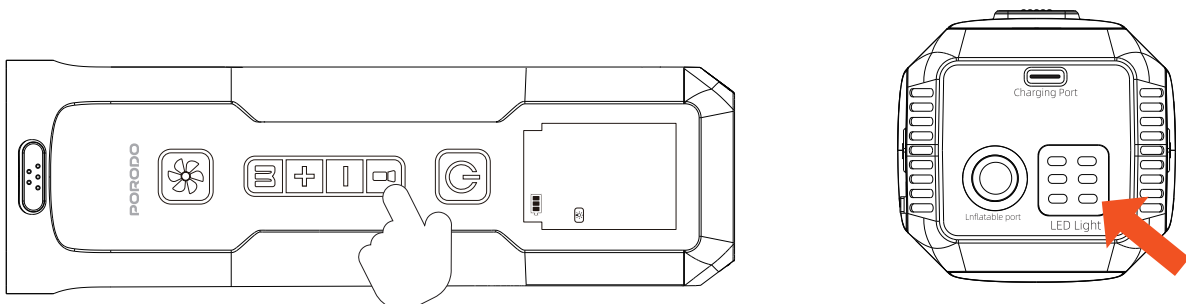
Attach the Crevice/Brush Nozzle to the dust cup.



Tips:

- a.** Inflation Time: The default inflation time is 360 seconds. Press once to adjust the time by 30 seconds.
- b.** Cooling Period: After 10 minutes of continuous operation, allow the product to cool down for 15 minutes.

NOTE: To activate the illumination, press the Light Button. Press it again to cycle through the following modes: Flashlight, Strobe, SOS, and OFF



Frequently asked Questions

1.

Q: Failure to power on – Insufficient power level or the jump starter is charging. If you fail to jumpstart the vehicle, please check the following possible causes:

- a.** Insufficient power level: Charge the jump starter and ensure the battery level is above 75% for successful jumpstarting.
- b.** Bad connection at battery terminals: Check for rust or dirt and clean the terminals before trying again.
- c.** Overheating protection: The jump starter may have activated its overheating protection. Wait for it to cool down before attempting again.
- d.** Incorrect battery clamp connection: Ensure the clamps are properly connected to the correct terminals.
- e.** Loose connection: Confirm the connection between the clamps and the battery is secure.
- f.** Vehicle issues unrelated to battery level: Use appropriate equipment to check the vehicle's battery or error code.

2.

Q: Failure to charge

- a.** Check charging cable: Ensure the cable is properly connected.
- b.** Power outlet: Confirm the outlet is powered.
- c.** Overheating protection: If the jump starter has overheated, allow it to cool down before attempting to charge again.

3.

Q: The inflation function is working, but pressure stays at zero.

Low pressure value: The object's pressure may be too low to detect. Ensure the object is properly inflated.

4.

Q: Slow inflation.

- a.** Insufficient battery level: Check if the battery needs charging.
- b.** Air hose leakage: Inspect the air hose for any leaks.

- b.** Air hose leakage: Inspect the air hose for any leaks.
- c.** Poor air hose seal: Ensure both ends of the air hose are securely attached and sealed.
- d.** Damaged inflating object: Verify that the object being inflated is intact and free of holes.

Error Code Analysis

E1: Battery Overheating

Solution: Let it cool down.

E2: Low Battery Temperature, Failed to Charge

Solution: Ensure it is within the appropriate temperature range to function properly.

E3: Motor Overheating

Solution: Let it cool down.

E4: Continuous Operation for More Than 10 Minutes Activates Protection Function

Solution: Stop the operation and restart.

E5: Insufficient Battery Level

Solution: Charge immediately.

Package Contents

Machine × 1

Crevice/Brush Nozzle × 1

Needle Valve Adapter × 1

Bicycle Adapter × 1

SUP Pump Adapter × 1

Swim Ring Nozzle × 1

Air Hose × 1

USB Charging Cable × 1

Storage Bag × 1

Smart Battery Clamps × 1

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:
info@porodo.net

Website: **porodo.net**

Service Support: **support@porodo.net**

Instagram: **porodo**