

PORODO



Porodo

**VoltBoost 10000mAh
Compact Utility Tool**

SKU: PDPBA10GY

Table of Contents

Overview	2
Specifications	2
Inflation Performance	2
Schematic Design and Buttons	3
Operation Instructions	4
1. Jump Start a Car	4
2. Inflate a Tire	4
Product Safety Information	5
Suggested Inflation Pressure Table	6
Troubleshooting	7
Disposal	7
Warranty	8
Contact Us	8

Overview

This product combines a car jump starter and an inflation pump into one convenient device. It is designed to jump-start vehicles with insufficient voltage, inflate tires, and provides a 5V/2A output for charging most smartphones and tablets. Additionally, it features a powerful flashlight for added convenience.

Specifications

Battery Capacity	10000mAh
Type-C Input	5V/2.4A, 9V/2A, 12V/1.5A 18W Max
USB-A Output	5V/2A, 10W
Start/Peak Current	1200/600A
Air Pressure	150PSI Max
Airflow Rate	23 L/min
Supported Vehicles	6L Gasoline, 8L Diesel
Working Temperature	-20 - 60°C
Charging Time	2H
Material	ABS + PC
Product Size	208 x 104 x 51mm
Product Weight	1600g
Model Number	PDPBA10

Inflation Performance

The Compact Utility Tool features an inflation system with a pressure gauge range of 5–150 PSI. If the pressure exceeds 150 PSI, the display will flash, potentially damaging the sensor. The range resolution is 0.5 PSI / 0.05 BAR / 5 KPA, with an accuracy of $\pm 2\%$ PSI at 25°C and 75 %humidity. The display units include PSI, BAR, and KPA. Additionally, the tool is equipped with an automatic shutdown feature: if no air pressure is detected and the machine hasn't been operated for 90 ± 5 seconds, it will automatically power off. If air pressure is present, the device will remain on.

Schematic Design and Buttons

Button 1: Press and hold for 2 seconds to activate the flashlight function. Press repeatedly to cycle through the available lighting modes.

Button 2: Powers on the device and starts the inflation process.

Button 3: Press to decrease the preset air pressure value. Long press to quickly reduce the value.

Button 4: Press to increase the preset air pressure value. Long press to quickly increase the value.

Button 5: Press to cycle through different modes, including car mode, motorcycle mode, bicycle mode, ball mode, and custom car mode.

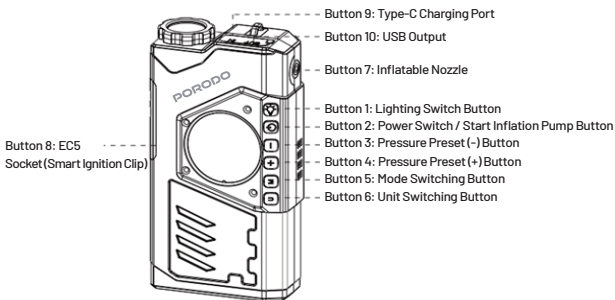
Button 6: Press to cycle through pressure units such as Bar, PSI, Kpa, and kg/cm².

Button 7: Used for attaching to the product to inflate various items.

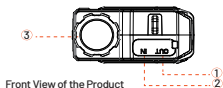
Button 8: Connects to an EC5 plug for smart ignition or power supply.

Button 9: Used to charge the device using a Type-C cable.

Button 10: Provides USB output to charge other devices.



Top View of the Product



Digital Display



Alligator Clip

1. USB output
2. Type-C charging input
3. Strong flashlight illumination

Operation Instructions

1. Jump Start a Car

- 1.1 Plug the alligator clips into the EC5 port of the device. The indicator on the clips will flash red and green.
- 1.2 Open the car's engine hood and connect the alligator clips to the car battery, ensuring proper polarity.
- 1.3 Return to your car and start the engine.
- 1.4 Once the car starts, immediately disconnect the jump starter.

2. Inflate a Tire

- 2.1 Connect the tube to the inflation pump and attach the appropriate air nozzle based on the device.
- 2.2 Adjust the preset air pressure using the "+" and "-" buttons.
- 2.3 Press Button 6 to start inflation at the preset value, and press it again to stop.
- 2.4 When the device is powered on, the screen will display the current tire pressure once the tube is connected.
- 2.5 For safety, ensure you know the recommended tire pressure before starting inflation to prevent over-pumping, which could cause a burst or explosion.
- 2.6 The tire pressure range for cars, motorcycles, and bicycles is indicated on the side of the tires. The recommended pressure for cars is often found near the inside of the driver's side door. The correct inflation pressure may vary based on load capacity, so refer to your vehicle's manual for detailed air pressure recommendations.

Product Safety Information

- 1.** Check the product's battery level before use. If the battery level is below 50 % or if the device is overheating, do not use it. Inflation time should not exceed 20 minutes per use.
- 2.** Ensure the EC5 plug (Smart Alligator Clips) is fully and properly connected to the jump starter. Improper connection may affect performance and cause damage to the plastic part of the port, such as melting if the connection is severe.
- 3.** Do not use the product for frequent car jump starts. There should be an interval of at least 30 seconds between two jump starts.
- 4.** Start the car immediately after connecting the alligator clips and the jump starter.
- 5.** If the car fails to start, check if the alligator clips are properly connected. Inspect for rust or dirt on the contacts, and clean them before attempting to start the car again. If the car fails to start after three attempts, stop using the product to avoid damaging it.
- 6.** Do not store the product in high temperatures, direct sunlight, or areas with intense magnetic fields. Avoid storing it near fire sources. If water enters the product, allow it to dry naturally before use.
- 7.** Improper use of the product can result in damage or pose a safety risk to both personal and property safety.
- 8.** The consumer is responsible for any personal or property damage resulting from improper use of the product, as outlined in the user manual. The company will not assume legal liability.
- 9.** Avoid using household appliances or loads that exceed the product's output current. Doing so may cause circuit protection and prevent the product from working.
- 10.** Avoid actions that could damage the product, such as hitting, throwing, or stepping on it.
- 11.** This product is not a toy for children. Only individuals aged 16 or older should operate the device. Keep children at a safe distance from the pump during inflation.
- 12.** If left unused for an extended period, the product may damage the battery. Charge the product at least every three months to maintain optimal functionality.

13. Ensure the correct unit of measurement is selected before setting the air pressure value. Incorrect units could lead to over-inflation or explosion. Unit conversions: 1 bar = 14.5 PSI, 1 bar = 100 kPa, 1 bar = 1.02 kg/cm².

14. Always supervise the inflation process to ensure the preset air pressure value is maintained. If you forget to preset the value, keep an eye on the inflation to avoid over-inflation.

15. Use the product in a dry, clean environment. Excess sand or dust could damage the device. This product is not waterproof, so do not wash or rinse it with water.

Suggested Inflation Pressure Table

Bicycle	12/14/16-inch bicycle tire	30 to 50PSI
	20/22/24-inch bicycle tire	40 to 50PSI
	26/27.5/29-inch bicycle tire	45 to 65PSI
	700C cycling road bike clincher tire	100 to 130PSI
	700C cycling road bike tubular tire	120 to 145PSI
Motor cycle	Motorcycle and electric motorcycle tires	1.8 to 2.8bar
Automobile	Small-build car tires	2.2 to 2.8bar
Balls	Basketball	7 to 9PSI
	Soccer	8 to 16PSI
	Volleyball	4 to 5PSI
	Football	12 to 14PSI

Suggested Inflation Pressure Table

Problem	Solution
Inflation rate is slower than expected.	Check the battery level to ensure it is sufficient. Check for any leakage in the tube. Ensure the tube and tire are properly connected. Check for any leakage in the inflatable.
The machine is powered on but fails to inflate.	Check the battery level to ensure it is sufficient. Ensure the current tire pressure is higher than the preset value.
Inflation appears normal, but the pressure display reads "0".	Low-pressure inflatables, such as balloons, balls, etc., are not within the pressure range of this product.
The tire pressure is decreasing.	When it reaches 36 PSI, there may be a 1-2 PSI decrease due to the differential pressure between the air inlet and outlet.
There is leakage when connecting the inflation tube.	Ensure the tube is screwed in tightly.
The unit experiences a sudden power-off during inflation.	During inflation, if the temperature of the shell becomes too high, the power-off protection will activate. Once the shell cools down, it will return to normal.
No air pressure is generated.	For improper use or faulty operation, please restart the machine.

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**