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› HPBS 5000A Portable Car Jump Starter with Air Compressor User Manual

**HPBS H2500**

# HPBS 5000A Portable Car Jump Starter with Air Compressor

Model: H2500

## INTRODUCTION

The HPBS 5000A Portable Car Jump Starter with Air Compressor is a multi-functional device designed for automotive emergencies and maintenance. It combines a powerful jump starter, a tire inflator, a power bank, and an LED flashlight into one compact unit, providing essential tools for vehicle owners.



*Image: The HPBS 5000A Portable Car Jump Starter, showcasing its compact design and integrated components like the LCD display, control buttons, and jumper cable ports.*

## WHAT'S IN THE BOX

Your HPBS Jump Starter package includes the following items:

- HPBS Jump Starter (x1)
- Smart Jumper Cables (x1)
- USB Charging Cable (without adapter) (x1)
- Trachea (air hose) (x1)
- Gas Nozzles (x3)
- EVA Storage Case (x1)
- User Manual (x1)

# WHAT'S IN THE BOX



*Image: All components included in the HPBS Jump Starter package, neatly arranged within and around its protective EVA storage case.*

## KEY FEATURES

- **5000A Peak Jump Starting Power:** Capable of jump-starting 12V vehicles (up to 10.0L gas or 8.0L diesel engines) in 1-2 seconds, up to 35 times on a full charge.
- **Intelligent 150 PSI Tire Inflation:** Features tire pressure monitoring, preset value stop, and unit switching (BAR/PSI/KPA). Inflates a 225/60 R18 car tire in approximately 8 minutes.
- **Powerful Mobile Power Bank:** Equipped with USB outputs (5V/3A, 9V/2A, 12V/1.5A) and a Type-C input (5V/2A, 9V/2A) to charge various electronic devices.
- **LCD Display:** Provides clear real-time data including battery level, inflator mode, and tire pressure.
- **Multi-mode LED Flashlight:** Includes flashlight, SOS, and strobe modes for illumination in dark or emergency situations.
- **Multiple Safety Protections:** Incorporates 10 built-in safety technologies (over-charge, over-current, short-circuit, reverse-polarity, low-temp, high-temp, over-voltage, over-load, spark-proof, reverse-charge) with advanced intelligent clamps.

## SETUP

Before first use, ensure the jump starter is fully charged. Connect the provided USB charging cable to the Type-C input port on the device and a suitable USB power adapter (not included). The LCD display will indicate the charging status. Once fully charged, disconnect the cable.



*Image: The HPBS Jump Starter connected via USB-C, demonstrating its power bank functionality for charging mobile devices.*

## OPERATING INSTRUCTIONS

### 1. Jump Starting a Vehicle

1. Ensure the jump starter is sufficiently charged.
2. Insert the smart jumper cable plug firmly into the jump starter's output port.
3. Connect the **red (+)** clamp to the positive (+) terminal of your vehicle's battery.
4. Connect the **black (-)** clamp to the negative (-) terminal of your vehicle's battery.

5. Start your car's engine.
6. Once the engine starts, immediately remove the jumper cables from the car battery, then disconnect the cables from the jump starter.



*Image: A visual guide illustrating the three steps for jump-starting a vehicle: connecting the jump starter, attaching the clamps to the car battery, and starting the engine.*

## 2. Tire Inflation

1. Take out the air pipe (trachea) and connect it to the inflator interface on the jump starter. Tighten it securely.
2. Press and hold the power button to turn on the machine.
3. Connect the air pipe to the tire valve. The LCD display will show the current tire pressure.
4. Short press the mode switch button to select the desired inflation mode (e.g., car, motorcycle, bicycle, ball).
5. Use the "+" and "-" keys to adjust the preset air pressure value.
6. Press the power/inflation start button to begin inflation. The device will automatically stop when the preset pressure is reached.
7. During inflation, you can short press the power button or inflation mode button to stop inflation manually.

# CORDLESS TIRE INFLATOR WITH PRESSURE DETECTION



**INFLATOR PRESSURE: 150 PSI**

195/65 R15  
<6Min

225/60 R18  
<8Min

245/55 R19  
<9Min

*Image: The HPBS Jump Starter connected to a car tire, demonstrating its tire inflation capability with the digital display showing pressure readings.*

### 3. Power Bank Function

To use the device as a power bank, simply connect your electronic device (e.g., smartphone, tablet) to the USB output port using a compatible USB cable. The jump starter will automatically begin charging your device.

### 4. LED Flashlight

Press the lighting button to cycle through the flashlight modes: constant on, SOS signal, and strobe. Press again to turn off the light.

## MAINTENANCE

- Store the jump starter in its EVA storage case in a cool, dry place when not in use.
- Recharge the device every 3-6 months, even if not used, to maintain battery health.
- Clean the exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.

- Inspect jumper cables and air hose for any damage before each use.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Battery is depleted.	Charge the jump starter fully.
Vehicle does not jump start.	Incorrect cable connection; battery too low; engine size exceeds capacity.	Ensure correct polarity (+ to +, - to -). Check jump starter battery level. Verify vehicle engine size is within specified limits (10.0L gas / 8.0L diesel).
Tire inflator not working or inaccurate reading.	Air hose not securely connected; valve stem issue.	Ensure air hose is tightly screwed onto both the device and the tire valve. Check tire valve for damage.
Device overheats.	Prolonged use or high ambient temperature.	Allow the device to cool down before further use. Avoid direct sunlight during operation.

## SPECIFICATIONS

Feature	Detail
Brand	HPBS
Model	H2500
Peak Output Current	5000 Amps
Engine Compatibility	Up to 10.0L Gas, 8.0L Diesel
Tire Inflator Pressure	150 PSI (Max)
Power Bank Input (Type-C)	5V/2A, 9V/2A
Power Bank Output (USB)	5V/3A, 9V/2A, 12V/1.5A
Dimensions (D x W x H)	8.07" x 3.54" x 1.57"
Item Weight	1.4 Pounds
Battery Type	Lithium Polymer (included)

# SPECIFICATIONS



*Image: A detailed diagram highlighting the various ports and controls on the HPBS Jump Starter, including the LED lighting, USB output, Type-C input, inflator interface, and display screen.*

## WARRANTY AND SUPPORT

HPBS stands behind the quality of its products. This jump starter comes with a **2-year product quality assurance**. For any questions or assistance, please do not hesitate to contact HPBS customer service, available **7 days a week, 24 hours a day**.

Contact information can typically be found in the included user manual or on the official HPBS website.