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Vastar AAVAWZ0402CA01

Vastar Portable Cordless Tire Inflator Air Compressor

Model: AAVAWZ0402CA01

1. PRODUCT OVERVIEW

The Vastar Portable Cordless Tire Inflator is a compact and versatile air compressor designed for convenient inflation and deflation of various items. Featuring a 2000mAh rechargeable battery and a digital display, it provides up to 120 PSI of inflation pressure. Its portable design makes it ideal for on-the-go use with cars, motorcycles, bicycles, and sports balls.



Image: Vastar Portable Cordless Tire Inflator showing its compact size (15cm / 5.9 inch height, 6cm / 2.36 inch width, 4cm / 1.57 inch depth) alongside its flexible hose.

2. PACKAGE CONTENTS

Ensure all items are present upon unboxing:

- Vastar Portable Cordless Tire Inflator
- Flexible Air Hose
- USB Type-C Charging Cable
- Ball Needle Adapter
- French Standard Adapter
- Nozzle for Swimming Ring/Inflatables
- Storage Bag
- User Manual



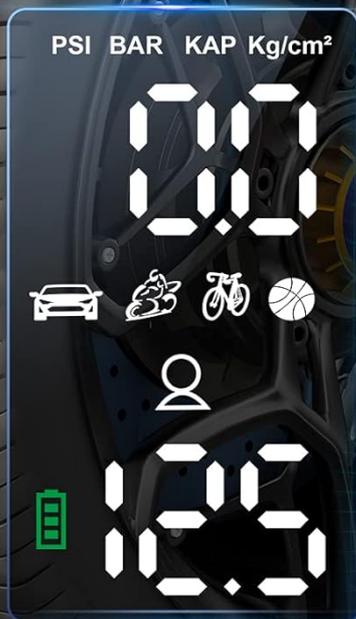
Image: The Vastar Portable Air Pump shown with its box, flexible hose, USB-C charging cable, ball needle, French standard adapter, and nozzle for inflatables.

3. PRODUCT FEATURES

- **Digital Display Screen:** Provides real-time tire pressure and allows for preset pressure data at a glance. Supports 4 switchable units (PSI, BAR, KAP, Kg/cm²).
- **5 Switchable Modes:** Dedicated modes for Car, Motorcycle, Bicycle, Ball, and a Custom mode for specific pressure needs.
- **2000mAh Large Capacity Battery:** Rechargeable battery for cordless operation.
- **Max Inflation Pressure:** Up to 120 PSI.
- **Air Release Valve:** Allows for deflation at any time to adjust pressure.
- **Super Bright LED Light:** Integrated LED light for illumination in low-light conditions.
- **Hose Storage:** Convenient storage hole for the flexible hose.

Digital Display Screen

Real-time tire pressure and preset tire pressure data at a glance



PSI BAR

KAP Kg/cm²

4 Switchable Units



5 Switchable Modes

Image: Close-up of the digital display screen, illustrating real-time pressure readings, preset pressure, battery level, and icons for different inflation modes (car, motorcycle, bicycle, ball, custom).



Image: The inflator's super bright LED light illuminating a bicycle tire at night, demonstrating its utility for visibility during nighttime use or in dark environments.

4. SPECIFICATIONS

Specification	Value
Brand	Vastar
Model Name	Vastar (AAVAWZ0402CA01)
Voltage	7.4 Volts
Power Source	Battery Powered, Corded Electric
Recommended Uses	Tire Inflation
Noise Level	75 Decibels

Special Feature	Pressure Detection
Capacity	20 Liters
Style	Portable
Air Flow Capacity	20 Liters Per Minute
Item Weight	1.21 pounds
Package Dimensions	7.99 x 4.8 x 2.28 inches
First Available	March 31, 2021

5. SETUP AND CHARGING

5.1 Initial Charge

Before first use, fully charge the inflator using the provided USB Type-C cable. Connect the Type-C end to the inflator's charging port and the USB-A end to a compatible power adapter (not included) or USB port. The battery indicator on the digital display will show charging progress.

5.2 Attaching the Air Hose

Screw the flexible air hose securely into the hose connector port on the top of the inflator. Ensure a tight connection to prevent air leakage.



Image: The Vastar Portable Air Pump showing the flexible hose neatly stored in its dedicated slot on the device, highlighting its compact storage design.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Press and hold the power button (usually the central button on the digital display) for 3 seconds to turn the inflator on or off.

6.2 Selecting Inflation Mode

Once powered on, press the 'Mode' button (often indicated by an icon or 'M') to cycle through the preset modes: Car, Motorcycle, Bicycle, Ball, and Custom. Each mode has a default pressure setting, which can be adjusted.



Image: The digital display showing icons for Car Mode, Motorcycle Mode, Bicycle Mode, Ball Mode, and Custom Mode, indicating the selectable inflation presets.

6.3 Setting Desired Pressure

Use the '+' and '-' buttons to adjust the target pressure. The digital display will show the current pressure and the target pressure. Refer to your item's manufacturer recommendations for appropriate pressure levels.

6.4 Connecting to Item and Inflating

1. Select the appropriate adapter (ball needle, French standard, etc.) and attach it to the flexible air hose.
2. Connect the adapter to the valve of the item you wish to inflate. The display will show the current pressure.
3. Press the inflation button (often the same as the power button, or a dedicated 'Start' button) to begin inflation. The inflator will automatically stop once the preset pressure is reached.



Image: A six-step visual guide demonstrating how to connect the inflatable tube to the pump, connect to the tire, turn on power, set desired tire pressure, press the start button, and the automatic stop feature upon completion.

6.5 Deflation

If the pressure is too high, use the air release valve (a small button or lever, typically on the side near the hose connection) to slowly release air until the desired pressure is reached.



Image: A hand pressing the air release valve on the Vastar inflator, demonstrating how to deflate an item when needed.

7. MAINTENANCE

- **Cleaning:** Wipe the exterior of the inflator with a soft, damp cloth. Do not use harsh chemicals or immerse the device in water.
- **Storage:** Store the inflator and its accessories in the provided storage bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, charge the device fully at least once every three months, even if not in use.

8. TROUBLESHOOTING

- **Device Not Turning On:** Ensure the battery is charged. Connect to a power source and try again.
- **No Inflation/Slow Inflation:** Check that the air hose is securely connected to both the inflator and the item's valve. Ensure the correct adapter is used and that it is properly attached. Verify the selected pressure is higher than the current pressure.
- **Error Code E02:** This error typically indicates an overheat shutdown. Allow the device to cool down for a period before attempting to use it again. If the error persists, contact customer support.
- **Inaccurate Pressure Reading:** Ensure the hose is tightly connected. If readings are consistently inaccurate, recalibration may be needed (refer to specific instructions in the full manual or contact support).

9. WARRANTY AND SUPPORT

The Vastar Portable Cordless Tire Inflator comes with a standard manufacturer's warranty. For detailed warranty information, product support, or to report any issues, please refer to the contact information provided in the original product packaging or visit the official Vastar website. Keep your purchase receipt for warranty claims.