

BUVAYE YX1819L

BUVAYE Portable Air Compressor Instruction Manual

Model: YX1819L

Brand: BUVAYE

1. INTRODUCTION

Thank you for choosing the BUVAYE Portable Air Compressor. This compact and powerful device is designed to provide quick and efficient inflation for various items, including car tires, motorcycle tires, bicycle tires, and sports balls. With its 150 PSI maximum pressure, 38L/Min airflow, and 6000mAh rechargeable battery, it offers both cordless convenience and reliable performance. This manual provides essential information for safe operation, maintenance, and troubleshooting to ensure optimal use of your new air compressor.



Image 1.1: The BUVAE Portable Air Compressor with its accessories.

2. IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all safety warnings and instructions before using this product. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Keep the work area clean and well-lit. Cluttered or dark areas invite accidents.

- Do not operate the air compressor in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Keep children and bystanders away while operating the air compressor. Distractions can cause you to lose control.
- Store idle air compressors out of the reach of children and do not allow persons unfamiliar with the air compressor or these instructions to operate the air compressor.
- Always wear appropriate eye protection when operating the air compressor.
- Do not overinflate. Always refer to the recommended pressure for the item being inflated.
- The air compressor may become hot during prolonged use. Allow it to cool down before handling or storing.
- Do not expose the air compressor to rain or wet conditions. Water entering the air compressor will increase the risk of electric shock.
- Use only attachments recommended by the manufacturer.
- Disconnect the air hose from the valve stem immediately after inflation is complete to prevent over-inflation.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- BUVAYE Portable Air Compressor (Model: YX1819L)
- Air Hose with Schrader Valve Connector
- Presta Valve Adapter
- Ball Needle
- Swimming Ring Nozzle
- USB Type-C Charging Cable
- 12V DC Cigarette Lighter Power Cable
- User Manual



Image 3.1: Visual representation of the items included in the box.

4. PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your BUVAYE Portable Air Compressor.

4.1. Components

- **Digital LED Display:** Shows real-time pressure, preset pressure, and battery level.
- **Control Buttons:**
 - Light Button: Activates/changes LED light modes (flashlight, warning, SOS).
 - '+' Button: Increases preset pressure value.
 - Power Button: Turns the device on/off, starts/stops inflation.
 - '-' Button: Decreases preset pressure value.
 - Mode Button: Cycles through preset inflation modes (car, bicycle, motorcycle, ball) and manual mode.
- **Air Hose Port:** Connection point for the air hose.
- **USB Type-C Input Port:** For charging the device.
- **USB Output Port:** Functions as a power bank for charging other devices.
- **LED Light:** Provides illumination for nighttime use or emergencies.



Image 4.1: Front view of the air compressor showing the digital display and control buttons.

BUILT-IN LED FLASHLIGHT

No Hassle In The Dark

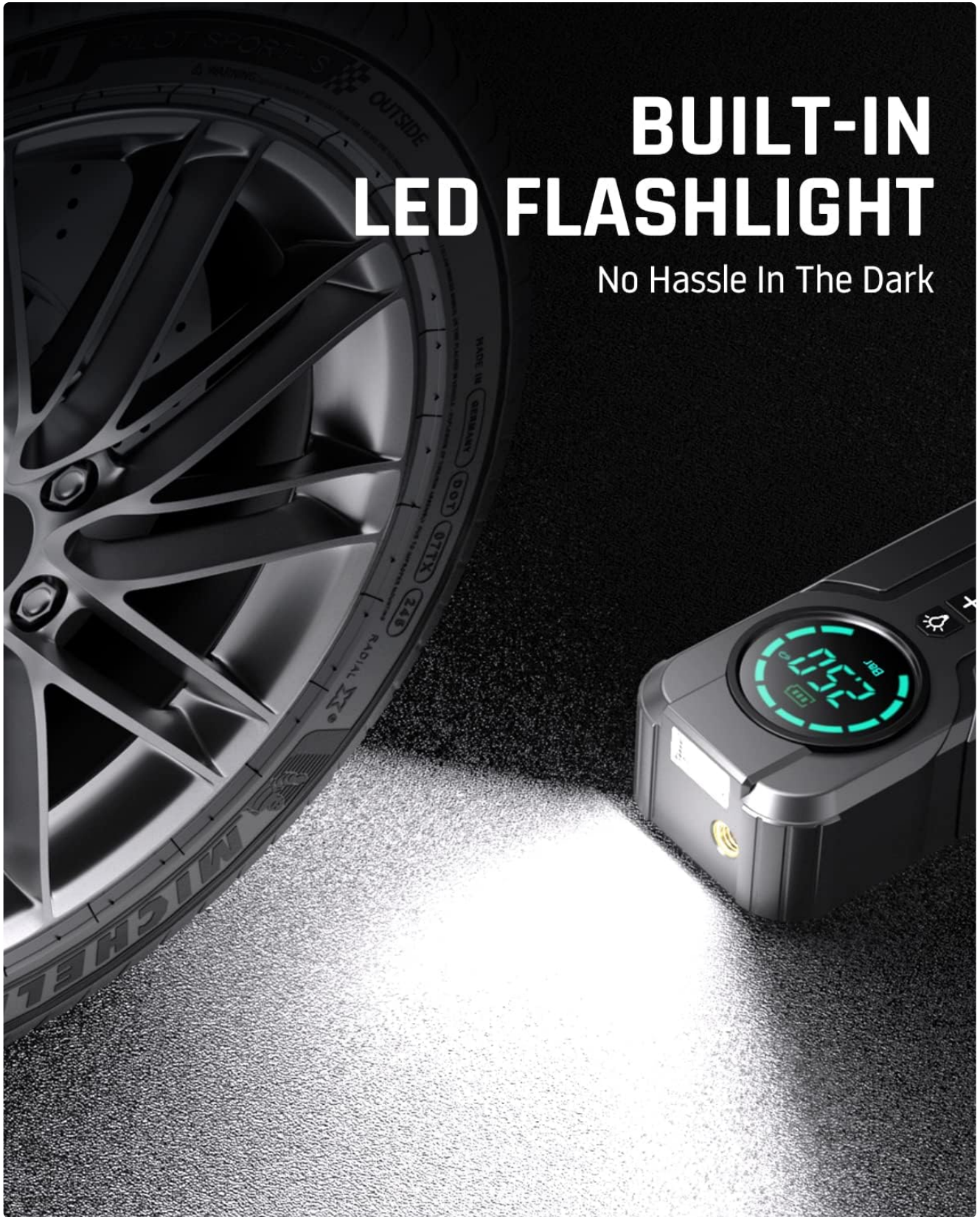


Image 4.2: The built-in LED flashlight on the air compressor, useful for dark environments.

5. SETUP AND INITIAL USE

5.1. Charging the Air Compressor

Before first use, fully charge the air compressor. It features a 6000mAh rechargeable battery.

1. Connect the USB Type-C charging cable to the input port on the air compressor.
2. Connect the other end of the USB cable to a compatible USB power adapter (not included) or a 5V/2A USB

port.

3. The battery indicator on the LED display will show charging progress. Once fully charged, the indicator will show a full battery.

The device can also be powered directly via the 12V DC cigarette lighter power cable for continuous use without relying on the internal battery.



Image 5.1: The air compressor can be powered by its internal battery for cordless use or via a 12V DC cigarette lighter for corded operation.

BACKUP POWER BANK

Type C Fast Charge



Image 5.2: The air compressor can also function as a backup power bank to charge your phone via its USB output port.

6. OPERATING INSTRUCTIONS

6.1. Basic Inflation Steps

1. **Connect the Air Hose:** Screw the air hose securely into the air hose port on the top of the compressor.
2. **Attach to Valve:** Remove the valve cap from the item you wish to inflate. Attach the air hose's Schrader valve connector firmly to the valve stem. If inflating a Presta valve bicycle tire or a ball, use the appropriate adapter.

3. **Power On:** Press and hold the Power button () for 2-3 seconds to turn on the compressor. The LED display will light up.
4. **Select Mode:** Press the Mode button () to cycle through the preset inflation modes (car, bicycle, motorcycle, ball). Each mode has a default pressure value.
5. **Adjust Pressure (Optional):** If you need to adjust the preset pressure, use the '+' and '-' buttons to increase or decrease the target PSI/Bar. The range is 5-150 PSI.
6. **Start Inflation:** Press the Power button () again to start the inflation process. The display will show the real-time pressure.
7. **Auto-Stop:** The compressor will automatically stop once the preset pressure is reached.
8. **Disconnect:** Carefully disconnect the air hose from the valve stem and replace the valve cap.
9. **Power Off:** Press and hold the Power button () to turn off the compressor.

EASY TO USE

— Just three steps —



1. Remove the valve cap and connect



2. Press  to choose preset mode



3. Press power button to start inflation

Image 6.1: Simplified three-step guide for using the air compressor: connect, select mode, and inflate.



Image 6.2: The auto shut-off feature ensures precise inflation and prevents over-inflation.

6.2. Using the LED Light

The built-in LED light has three modes for various situations:

- **Flashlight Mode:** Press the Light button () once to turn on the bright flashlight.
- **Warning Light Mode:** Press the Light button () a second time for a red warning light (strobe).
- **SOS Light Mode:** Press the Light button () a third time for an SOS signal (flashing red).
- **Turn Off:** Press the Light button () a fourth time to turn off the light.

6.3. Wide Application

The BUVAYE Portable Air Compressor is versatile and can be used for a variety of inflation needs:

- **Car Tires:** Quickly inflate car tires from 0-36 PSI in approximately 4 minutes, or top up from 28-35 PSI in about 30 seconds.
- **Motorcycle Tires:** Ideal for maintaining proper pressure in motorcycle tires.
- **Bicycle Tires:** Suitable for various bicycle types, including road bikes.
- **Sports Balls:** Easily inflate basketballs, footballs, and other sports equipment.



Image 6.3: The air compressor is suitable for inflating car tires, motorcycle tires, bicycle tires, and various sports balls.

6.4. Product Videos

Watch these official videos from BUVA YE for a visual guide on using your portable air compressor:

Your browser does not support the video tag.

Video 6.1: An overview of the BUVA YE portable air compressor, demonstrating its features and ease of use for tire inflation.

Your browser does not support the video tag.

Video 6.2: This video highlights the versatility of the BUVA YE Tire Inflator, showcasing its ability to inflate various items anytime, anywhere.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your air compressor.

- **Cleaning:** Wipe the exterior of the compressor with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure no water enters the ports.
- **Storage:** Store the air compressor in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the air hose and adapters are neatly stored to prevent damage.
- **Battery Care:** If storing for an extended period, charge the battery every 3-6 months to maintain its health.
- **Hose Inspection:** Regularly inspect the air hose for any cracks, kinks, or damage. Replace if necessary.

8. TROUBLESHOOTING

If you encounter issues with your air compressor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Compressor does not turn on.	Low battery; Power button not held long enough.	Charge the battery fully. Press and hold the power button for 2-3 seconds.
Compressor runs but no air inflates.	Air hose not securely connected; Valve stem not properly attached; Hose or valve damaged.	Ensure air hose is tightly screwed. Re-attach valve connector firmly. Check hose/valve for damage.
Inflation is slow.	Low battery; Air hose kinked or partially blocked.	Ensure battery is sufficiently charged. Check air hose for obstructions.
Compressor gets hot during use.	Normal operation during prolonged use.	This is normal. Allow the unit to cool down before continuing or storing. Avoid continuous operation for excessively long periods.
Pressure reading is inaccurate.	Loose connection to valve stem.	Ensure the air hose connector is tightly sealed to the valve stem.

9. SPECIFICATIONS

Feature	Detail
Brand	BUVAYE
Model Name	YX1819L
Part Number	1819L
Voltage	12 Volts
Power Source	Corded Electric, Battery Powered
Noise Level	75 dB
Recommended Uses	Tire Inflation
Special Features	Pressure Detection, Portable, Cordless, Automatic Shut-Off, Quick Inflation
Included Components	Battery
Capacity	38 Liters
Color	Black
Material	Plastic
Product Dimensions	7.28"L x 3.35"W x 2.17"H
Air Flow Capacity	38 LPM
Item Weight	1.92 pounds
Batteries	3 Lithium Ion batteries required (included)

Feature	Detail
Date First Available	December 15, 2022

10. WARRANTY AND SUPPORT

BUVAYE products are manufactured to the highest quality standards. For specific warranty information and customer support, please refer to the warranty card included in your product packaging or visit the official BUVAYE website. If you have any questions or require assistance, do not hesitate to contact our customer service team.

For more information, visit the [BUVAYE Store on Amazon](#).