

## Lamicall VHEP02

# Lamicall Portable Electric Air Pump (Model VHEP02) User Manual

Your guide to safe and efficient operation

## 1. INTRODUCTION

Thank you for choosing the Lamicall Portable Electric Air Pump, Model VHEP02. This device is designed for convenient and efficient inflation of various items, including car tires, motorcycle tires, bicycle tires, and sports balls. Please read this manual thoroughly before use to ensure proper operation and to maximize the product's lifespan.

## 2. IMPORTANT SAFETY INFORMATION

- Keep out of reach of children.
- Do not operate the pump in wet conditions or near flammable liquids or gases.
- Avoid prolonged continuous operation to prevent overheating. Allow the device to cool down between uses if necessary.
- Do not point the inflation nozzle at people or animals.
- Ensure the correct pressure setting for the item being inflated to prevent over-inflation and potential damage or injury.
- Use only the provided charging cable and accessories.
- Do not disassemble or attempt to repair the device yourself. Contact customer support for assistance.

## 3. PACKAGE CONTENTS

Please check that all items are present:

- Lamicall Portable Electric Air Pump (Model VHEP02)
- Inflation Hose
- Presta Valve Adapter

- Ball Needle
- USB-C Charging Cable
- Storage Bag
- User Manual

## 4. PRODUCT OVERVIEW

Familiarize yourself with the components of your Lamicall Portable Electric Air Pump:



Image 4.1: Lamicall Portable Electric Air Pump and included accessories, demonstrating its versatility for cars, motorcycles, bicycles, and balls.

- **Digital Display:** Shows current pressure, target pressure, battery level, and inflation mode.
- **Control Panel:** Buttons for power, mode selection, unit switching, and pressure adjustment.
- **Inflation Port:** Where the inflation hose connects.
- **USB-C Charging Port:** For recharging the pump.

- **USB-A Output Port:** Functions as a power bank for external devices.
- **LED Light:** Provides illumination, with multiple modes for emergencies.

## 5. CHARGING THE DEVICE

The Lamicall Portable Electric Air Pump is equipped with a 6000mAh battery. Before first use, fully charge the device.

1. Connect the provided USB-C charging cable to the pump's USB-C charging port.
2. Connect the other end of the cable to a suitable USB power adapter (not included) or a power source.
3. The battery indicator on the digital display will show the charging status. A full charge is indicated when all segments of the battery icon are lit and stable.
4. Charging typically takes several hours. Disconnect the charger once fully charged.

*Note: The pump can also function as an emergency power bank via its USB-A output port to charge other devices like mobile phones.*

## 6. INITIAL SETUP

1. **Attach the Inflation Hose:** Screw the inflation hose securely onto the pump's inflation port.
2. **Select Appropriate Nozzle:** Depending on the item you are inflating, attach the correct nozzle to the other end of the inflation hose.
  - **Schrader Valve:** Directly connect the hose for car, motorcycle, and some bicycle tires.
  - **Presta Valve:** Use the Presta valve adapter for road bikes and some mountain bikes.
  - **Ball Needle:** Use for inflating sports balls.

## 7. OPERATING INSTRUCTIONS

The pump features a digital display and intuitive controls for easy operation.



Image 7.1: Visual guide to the inflation process: Connect, Select Mode/Adjust Pressure, Start Inflation.

### 7.1 Power On/Off

- Press and hold the Power button (U) for 3 seconds to turn the pump ON.

- Press and hold the Power button (⏻) for 3 seconds again to turn the pump OFF.

## 7.2 Selecting Inflation Mode

The pump offers 5 preset inflation modes. Press the Mode button (icon with multiple circles) to cycle through the modes:

- **Car Mode:** Indicated by a car icon. Default pressure suitable for most car tires.
- **Motorcycle Mode:** Indicated by a motorcycle icon. Default pressure suitable for most motorcycle tires.
- **Bicycle Mode:** Indicated by a bicycle icon. Default pressure suitable for most bicycle tires.
- **Ball Mode:** Indicated by a ball icon. Default pressure suitable for most sports balls.
- **Custom Mode:** Indicated by a user icon. Allows manual setting of target pressure.

# ONE-CLICK PRESET

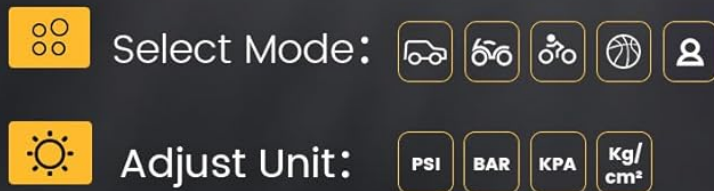


Image 7.2: The pump's display showing options for selecting inflation mode and adjusting pressure units.

## 7.3 Adjusting Pressure Units

Press the Unit button (icon with sun/light) to switch between pressure units: PSI, BAR, KPA, and KG/CM².

## 7.4 Setting Target Pressure

- After selecting a mode, the default target pressure will be displayed.

- Use the '+' and '-' buttons to increase or decrease the target pressure.
- Refer to the recommended pressure for your item (usually found on the tire sidewall or item's instructions).

## 7.5 Starting and Stopping Inflation

1. Connect the inflation hose securely to the item's valve. The digital display will show the current pressure.
2. Ensure the target pressure is set correctly.
3. Press the Power button (**U**) briefly to start inflation.
4. The pump will automatically stop when the target pressure is reached.
5. To manually stop inflation, press the Power button (**U**) briefly again.
6. Carefully disconnect the inflation hose from the valve.





Image 7.3: The pump in action, demonstrating its fast inflation capability for car tires.

## 7.6 Emergency LED Light

The integrated LED light has three modes:

- **Constant Light:** Press the Light button (sun/light icon) once.
- **Flashing Light:** Press the Light button a second time.
- **SOS Mode:** Press the Light button a third time.

- **Off:** Press the Light button a fourth time.

# EMERGENCY LIGHT

3 lighting modes: constant, flashing, SOS

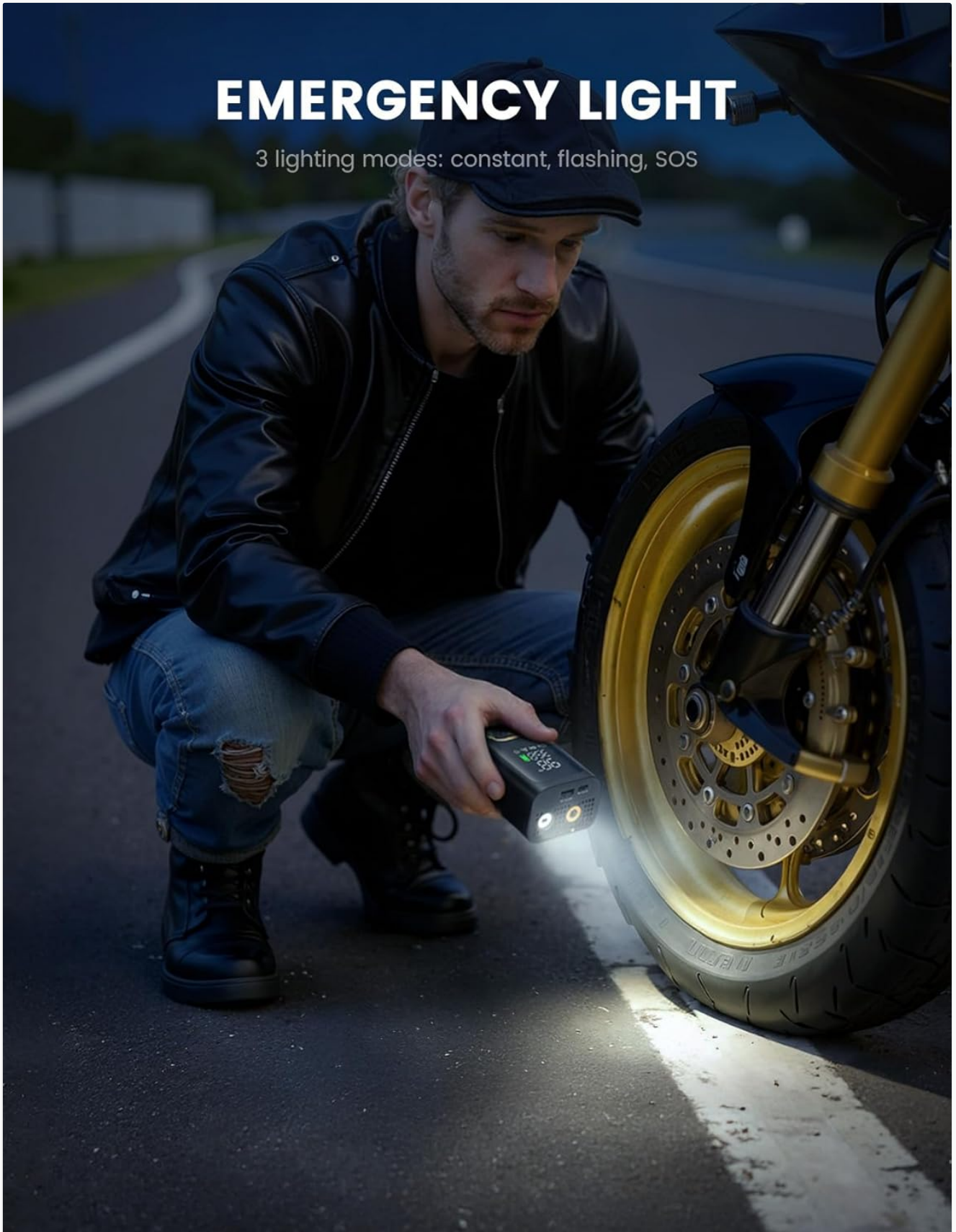


Image 7.4: The pump's emergency light providing illumination during night-time use.

## 8. MAINTENANCE

### 8.1 Cleaning



- Wipe the exterior of the pump with a soft, damp cloth.
- Do not use harsh chemicals or abrasive cleaners.
- Ensure the device is completely dry before storage or next use.

## 8.2 Storage

- Store the pump and its accessories in the provided storage bag.
- Keep in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, charge the battery to approximately 50-70% every 3 months to maintain battery health.

## 9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not turn on.	Low battery.	Charge the pump fully.
Pump does not turn on.	Power button not held long enough.	Press and hold the Power button for 3 seconds.
Pump inflates slowly or not at all.	Hose not securely connected.	Ensure the inflation hose is tightly screwed onto both the pump and the valve.
Pump inflates slowly or not at all.	Incorrect nozzle used.	Use the appropriate nozzle for the item being inflated.
Pump stops unexpectedly.	Target pressure reached.	This is normal operation. Check the pressure on the display.
Pump stops unexpectedly.	Overheating protection activated.	Allow the pump to cool down for 10-15 minutes before resuming use.
Inaccurate pressure reading.	Loose connection.	Ensure the hose is firmly connected to the valve.

## 10. SPECIFICATIONS

- **Model Number:** VHEP02
- **Brand:** Lamicall
- **Power Source:** Battery Powered
- **Battery Capacity:** 6000 mAh
- **Maximum Inflation Pressure:** 150 PSI / 10.3 BAR
- **Airflow Capacity:** 28 Liters per minute
- **Hose Length:** 30 Centimeters
- **Product Dimensions (L x W x H):** 16.2 x 6.6 x 5 cm
- **Item Weight:** 500 Grams
- **Special Features:** 5 Inflation Modes, Digital Pressure Gauge, Auto-Stop Function, Emergency LED Light (3 modes), Power Bank Function (USB-A output)

## 11. WARRANTY AND SUPPORT

Lamicall products come with a standard manufacturer's warranty. For specific warranty details, please refer to the warranty card included with your purchase or visit the official Lamicall website. If you encounter any issues or require technical support, please contact Lamicall customer service through their official channels or the retailer where the product was purchased.

For more information, you may visit the [Lamicall Brand Store](#).

