

## Overview

The MODARI AP002 is a cordless, portable tire inflator designed for inflating tires and other inflatables. It is powered by a rechargeable battery and features an automatic shut-off function.



Key attributes of the device include:

- **Cordless Operation:** Powered by an internal battery.
- **Portable Design:** Compact and lightweight for easy transport and storage.
- **Multi-Use:** Suitable for car tires, bicycle tires, sports balls, and other inflatables.
- **Built-in Accessory Storage:** Magnetic holders for nozzles.
- **Digital Display:** LED screen for setting and monitoring pressure.

## Features & Specifications

### Physical Specifications

- **Brand:** modari
- **Model:** AP002 Tire Inflator
- **Color:** Black (No case)

- **Material:** Metal, Plastic
- **Dimensions (L x W x H):** 2.76" x 2.01" x 6.93"
- **Weight:** 1.38 Pounds



## Performance Specifications

- **Power Source:** Battery Powered (Rechargeable)
- **Battery:** 2600 mAh x 3 (3S)
- **Maximum Pressure:** 160 PSI
- **Air Flow Capacity:** 45 Liters Per Minute
- **Hose Length:** 19.6 inches



## Key Features

### Automatic Shut-Off

The inflator will automatically stop when the preset target tire pressure is reached.

## **Magnetic Storage**

Built-in magnets allow for the storage of up to three accessory nozzles on the side of the unit.



## **Multi-Mode Operation**

Four preset inflation modes for different vehicle types, plus a custom mode for setting a specific PSI.

## **Built-in Flashlight**

An integrated LED light aids visibility in low-light conditions.

## **Power Bank Function**

The device can be used to charge other USB devices.

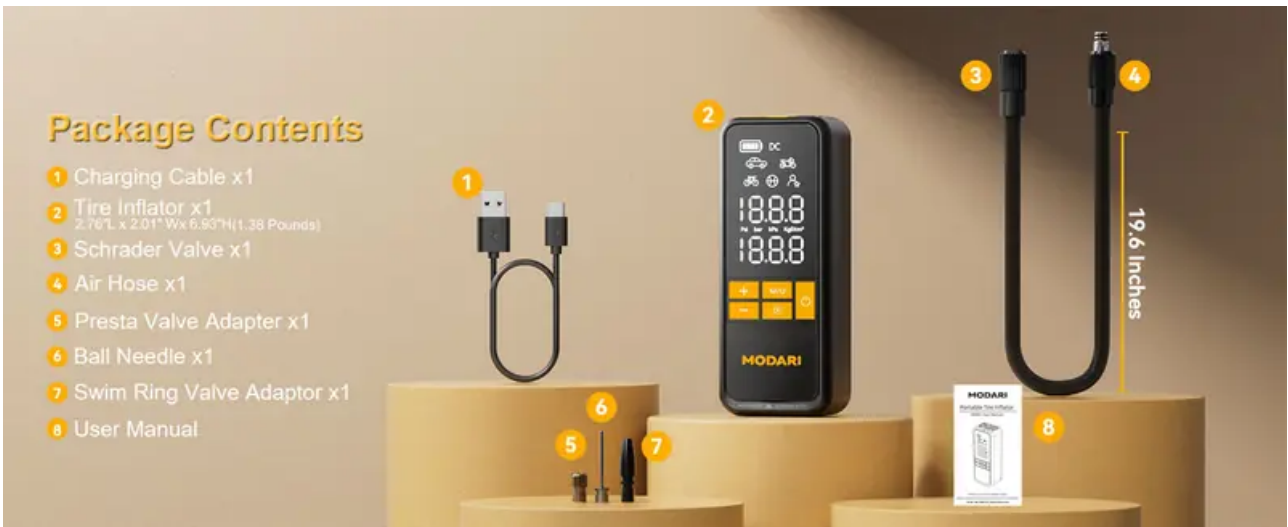
## **Safety Features**

- Constructed with UL94-V0 fireproof material.
- Built-in cooling fan with dual heat dissipation.
- Overheat protection.



## Package Contents

- AP002 Tire Inflator x1 (No carrying case included)
- Air Hose x1
- Nozzle x3
- Charging Cable (USB-A) x1 (Charger not included)
- User Manual x1



# Use Guide

## Initial Setup and Charging

**FRIENDLY REMINDER:** This device does NOT include a wall charger. The provided charging cable is compatible with standard USB-A power sources (e.g., computer port, USB wall adapter, car charger). Fully charge the device before first use to activate the battery.

1. Connect the provided USB charging cable to the port on the inflator.
2. Connect the other end of the cable to a USB-A power source.
3. The device's display or indicator lights will show the charging status. Refer to the device's indicators for a full charge signal.
4. Allow the unit to charge completely before first use.

## Control Panel Overview

The unit features an interface with the following elements:

- **LED Digital Display:** Shows current pressure (PSI) and preset values.
- **Mode Buttons (M):** Large buttons for cycling through four preset inflation modes (e.g., Car, Motorcycle, Bicycle, Custom).
- **Unit Button:** Toggles pressure measurement between PSI, BAR, KPA.
- **+ / - Buttons:** For adjusting the target pressure value in custom mode.
- **Power/Start Button:** To turn the device on/off and start the inflation process.
- **Flashlight Button:** To turn the built-in LED light on/off.



## Inflating a Tire

1. **Power On:** Press the Power button. The LED display will illuminate.

2. **Select Mode:** Press the 'M' button to cycle to the desired preset mode (Car, Motorcycle, etc.) or select 'Custom' mode.
3. **Set Pressure (Custom Mode Only):** In Custom mode, use the '+' and '-' buttons to set your desired target pressure (up to 160 PSI). Ensure the correct unit (PSI/BAR/KPA) is selected.
4. **Attach Hose & Nozzle:** Screw the appropriate nozzle onto the air hose. Remove the valve cap from the tire and firmly press the nozzle onto the tire valve stem.
5. **Start Inflation:** Press and hold the Power/Start button. The display will show the real-time pressure increasing.
6. **Automatic Stop:** The inflator will automatically shut off when the target pressure is reached.
7. **Disconnect:** Quickly remove the nozzle from the valve stem to prevent air loss. Replace the tire's valve cap.
8. **Power Off:** The device may turn off automatically after a period of inactivity, or you can press the Power button to turn it off.



## Using as a Power Bank

1. Ensure the inflator is charged.
2. Use a standard USB charging cable (not included for this function) to connect your electronic device to the inflator's USB output port.
3. The inflator will supply power to the connected device.

## Care & Maintenance

- **Cleaning:** Wipe the exterior with a dry, soft cloth. Do not use liquids or submerge the unit.
- **Storage:** Store in a cool, dry place. Avoid extreme temperatures (heat or cold).

- **Battery Care for Long-Term Storage:** If storing the device for an extended period, charge it periodically to prevent over-discharge of the battery.
- **Hose and Nozzles:** Keep the air hose and nozzles clean and free from debris to ensure a proper seal.

## Troubleshooting

- **Device does not turn on:** The battery may be depleted. Connect to a power source and charge fully.
- **Inflation stops prematurely:** Check for overheating. Allow the unit to cool down before resuming use. Ensure the nozzle is properly sealed on the valve stem.
- **Inaccurate pressure reading:** Ensure the nozzle is firmly attached to the valve stem with no air leaks. The tire's valve core may be faulty.
- **Unit feels hot during use:** This is normal during extended operation due to the motor. The built-in cooling fan and safety protections are designed to manage heat. If the unit shuts off due to overheating, allow it to cool completely before next use.
- **Accessories not staying on magnetic storage:** Ensure the metal parts of the accessories are clean and making full contact with the magnetic strip.

### Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.