

## AVID POWER PTIBWEB

# AVID POWER Portable Tire Inflator PTIBWEB User Manual

Model: PTIBWEB

## 1. INTRODUCTION

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Thank you for choosing the AVID POWER Portable Tire Inflator PTIBWEB. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new tire inflator. Please read this manual thoroughly before first use and keep it for future reference.

This portable tire inflator is designed for inflating car, motorcycle, bicycle tires, sports balls, and other small inflatables. It features an auto shut-off function, dual power supply options (20V rechargeable Li-ion battery and 12V DC car adapter), and a built-in LED light for convenience.

## 2. SAFETY INFORMATION

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**WARNING:** Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Always wear eye protection when operating the inflator.
- Do not leave the inflator unattended while in operation.
- Keep children and bystanders away from the operating area.
- Do not operate the inflator in wet conditions or near flammable liquids or gases.
- Ensure the inflator is placed on a stable, level surface during use.
- Do not over-inflate tires or other items. Follow the manufacturer's recommended pressure.
- Allow the inflator to cool down after extended use to prevent overheating.
- Disconnect the power source when not in use or before performing maintenance.
- Use only the specified battery pack and charger for this device.
- Do not use the inflator for large truck tires or other high-pressure, high-volume applications.

### 3. PACKAGE CONTENTS

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

- 1 x Cordless Tire Inflator
- 2 x 20V Lithium-ion Battery Pack
- 1 x 12V Car Power Adapter
- 1 x Battery Charger
- 3 x Nozzles (Presta valve adapter included)
- 1 x User Manual
- 1 x Tool Bag



Image: AVID POWER Portable Tire Inflator with included accessories: inflator unit, two 20V batteries, 12V car adapter, charger, various nozzles, and a tool bag.

## 4. PRODUCT OVERVIEW

### 4.1 Components

The AVID POWER Portable Tire Inflator consists of the main inflator unit, a digital display, control buttons, an air hose, and power input options.



Image: Close-up of the inflator's digital display and control panel, highlighting the auto shut-off feature and accuracy.

### 4.2 Power Supply Options

The inflator can be powered by two methods:

- **20V Rechargeable Li-ion Battery:** Provides cordless operation. The battery can also function as a power bank for other devices.

- **12V DC Car Adapter:** Connects to your vehicle's 12V power outlet for continuous power, serving as a backup or primary power source.

## 2 Power Supply Modes

### **20V Rechargeable Battery**

Can be used as power bank for other devices



### **12V DC Adapter**

Cord length 9.8ft



Image: Illustration of the two power supply modes: 20V rechargeable battery and 12V DC car adapter.

### 4.3 LED Light

A powerful LED light is integrated into the unit, useful for illuminating dark working areas. It also includes an SOS emergency light function.

# ***POWERFUL LED LIGHT***

Includes SOS emergency light

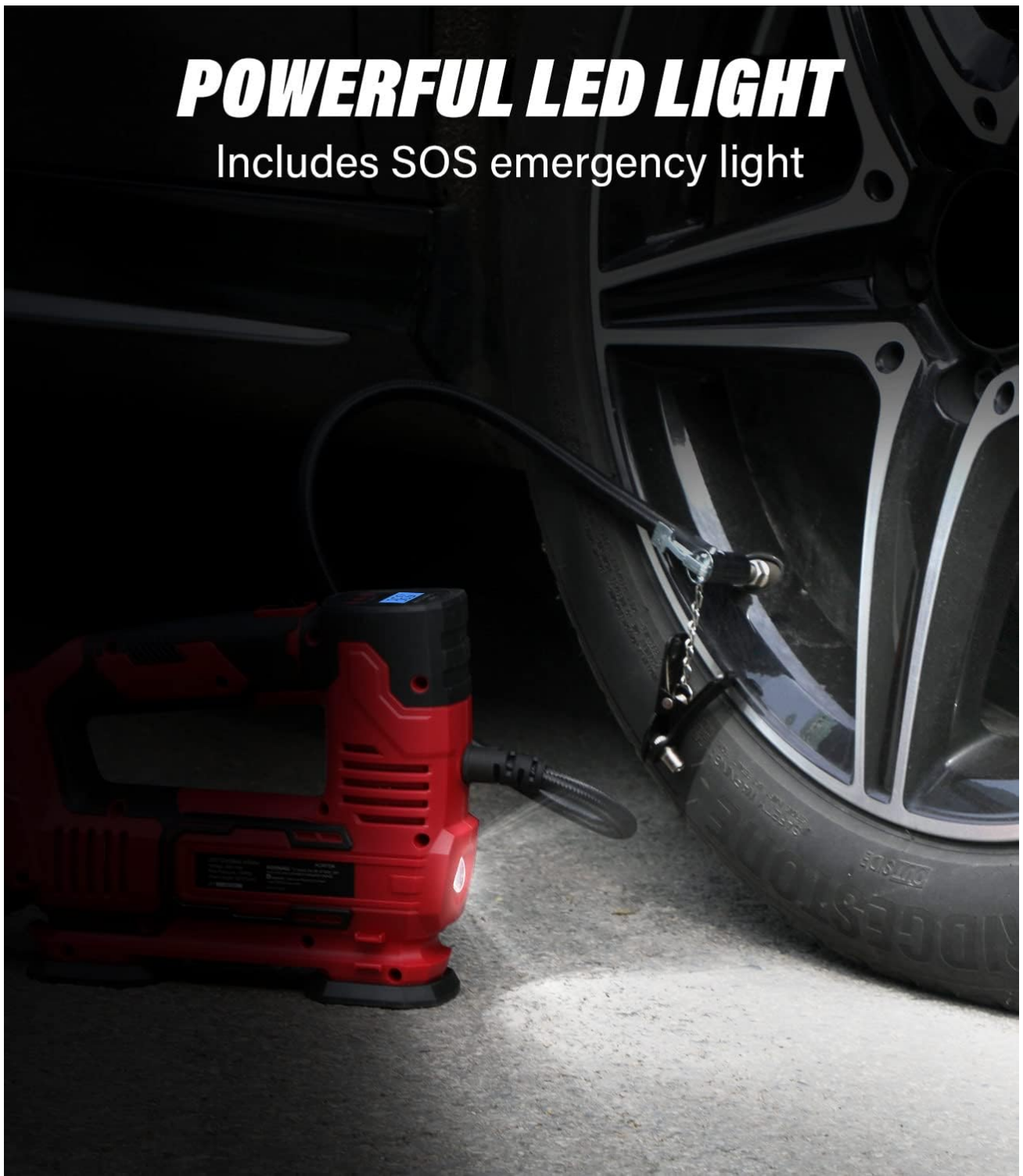


Image: The inflator's powerful LED light illuminating a tire during use in low light conditions.

## **5. SETUP**

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### **5.1 Charging the Battery**

1. Connect the battery charger to a standard wall outlet.
2. Slide the 20V Li-ion battery pack onto the charger until it clicks into place.
3. The indicator light on the charger will show the charging status. Charge until fully charged.
4. Once charged, remove the battery from the charger.

**Note:** For optimal battery life, recharge the battery every 3 months if not in regular use. The battery pack includes overcharge, thermal, and over-voltage protection, along with a charging indicator.



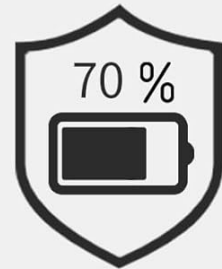
Overcharge  
Protection



Thermal  
Protection



Over Voltage  
Protection



Charging  
Indicator

Image: Features of the 20V Li-ion battery pack, including various protection mechanisms and a charging indicator.

## 5.2 Attaching the Battery or 12V Adapter

- **For Battery Power:** Slide a charged 20V Li-ion battery pack into the battery slot on the inflator until it locks securely.
- **For 12V DC Power:** Insert the 12V car power adapter into the designated port on the inflator, then plug the other end into your vehicle's 12V accessory outlet (cigarette lighter socket).

## 6. OPERATING INSTRUCTIONS

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### 6.1 General Inflation Procedure

1. **Connect Power:** Ensure the battery is installed or the 12V adapter is connected.
2. **Attach Hose:** Screw the air hose connector onto the tire valve stem. For bicycle tires with Presta valves, use the included Presta valve adapter. For sports balls or other inflatables, select the appropriate nozzle and attach it to the air hose.

3. **Power On:** Press the power button on the inflator. The digital display will light up, showing the current pressure.
4. **Set Desired Pressure:** Use the "+" and "-" buttons to set the target pressure. The unit supports PSI, KPA, BAR, and KG/CM<sup>2</sup>. Press the "On/Unit" button to cycle through pressure units.
5. **Start Inflation:** Press the start button (often the same as the power button or a dedicated start button, refer to device markings). The inflator will begin to operate.
6. **Auto Shut-Off:** The inflator will automatically stop once the preset pressure is reached.
7. **Disconnect:** Unscrew the air hose from the valve stem.
8. **Power Off:** Press the power button to turn off the inflator.



Image: The portable tire inflator in use, connected to a car tire for inflation.

## 6.2 Using for Various Items

The inflator comes with multiple nozzles to accommodate different inflation needs:

- **Car/Motorcycle Tires:** Use the standard screw-on connector.
- **Bicycle Tires:** Use the Presta valve adapter for Presta valves, or the standard connector for Schrader valves.
- **Sports Balls:** Use the needle nozzle.
- **Inflatable Pool Toys/Air Mattresses:** Use the conical nozzle.



Image: Demonstrations of the inflator's multiple uses for car tires, bicycle tires, sports balls, and inflatable toys.

## 6.3 Using the LED Light

Press the dedicated light button (if available) or cycle through modes using the power button to activate the LED light. Some models may have a separate button for SOS emergency light mode.

## 7. MAINTENANCE

- **Cleaning:** Wipe the inflator with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the inflator and accessories in the provided tool bag in a dry, cool place, away from direct

sunlight and extreme temperatures.

- **Battery Care:** Recharge the battery every 3 months if not in use to maintain its lifespan.
- **Air Filter:** Periodically check and clean the air filter (if accessible) to ensure optimal performance.

## 8. TROUBLESHOOTING

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| Problem   | Possible Cause   | Solution  |
|---|--|---|
| Inflator does not turn on.                      | Battery is not charged or not properly installed.<br>12V adapter is not connected or vehicle's outlet is faulty. | Ensure battery is fully charged and securely installed.<br>Check 12V adapter connection and vehicle's power outlet. |
| Inflator runs but no air comes out.             | Air hose is not properly connected to the valve stem.<br>Air hose is damaged or blocked.                         | Ensure a tight seal between the hose and valve stem.<br>Check hose for kinks or damage.                             |
| Inflator stops before reaching preset pressure. | Battery charge is low.<br>Overheating protection activated.  | Recharge or replace the battery.<br>Allow the inflator to cool down for 10-15 minutes before resuming use.          |
| Inaccurate pressure reading.                    | Poor connection to valve stem.<br>Sensor malfunction.  | Ensure a secure connection. If problem persists, contact customer support.  |

## 9. SPECIFICATIONS

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**Brand:** AVID POWER

**Model Name:** AVID POWER Portable Tire Inflator Bundle with an Extra Battery

**Model Number:** PTIBWEB

**Voltage:** 12 Volts (DC), 20 Volts (Battery)

**Power Source:** Battery Powered / 12V DC Car Adapter

**Air Flow Capacity:** 30 Liters Per Minute

**Noise Level:** 65 Decibels

**Item Weight:** 4 Pounds

**Material:** Lithium-ion (battery)

**Special Feature:** Cordless, Auto Shut-Off, LED Light

**Recommended Uses:** Tire Inflation (cars, motorcycles, bicycles), Sports Balls, Inflatable Pool Toys

**ASIN:** B096MLMTH1

**First Available:** June 4, 2021

## 10. WARRANTY AND SUPPORT

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AVID POWER products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official AVID POWER website. You can also contact AVID POWER customer service through their Amazon store page: [AVID POWER Store](#).

