

FNNEMGE LS407S

FNNEMGE Portable Tire Inflator User Manual

Model: LS407S

1. INTRODUCTION

Thank you for choosing the FNNEMGE Portable Tire Inflator. This device is designed for efficient and convenient inflation of various items, including car tires, motorcycle tires, bicycle tires, balls, and other inflatables. Featuring a powerful motor, dual power supply options, automatic shut-off, and an integrated LED light, it provides a reliable solution for your inflation needs. Please read this manual thoroughly before use to ensure proper operation and to maximize the lifespan of your product.

2. SAFETY INFORMATION

- Always ensure the inflator is placed on a stable surface during operation.
- Do not leave the inflator unattended while in use.
- Keep out of reach of children.
- Avoid prolonged continuous operation to prevent overheating. Allow the device to cool down if it becomes hot.
- Do not expose the inflator to rain or wet conditions.
- Use only the provided accessories and power adapters.
- Ensure the correct pressure unit (PSI, BAR, KPA, KG/CM²) is selected for your specific inflation task.
- Do not overinflate. Always refer to the recommended pressure for the item being inflated.

3. PACKAGE CONTENTS

Please check the package to ensure all items are present:

- 1 x FNNEMGE Digital Air Compressor
- 1 x Air Hose
- 3 x Nozzle Adapters (for various inflatables)
- 1 x 3.5 Meters Car Adapter Cable (DC 12V)
- 1 x USB Charge Cable (Type-C)
- 1 x User Manual



Image: The FNNEMGE Portable Tire Inflator with its complete set of accessories, including the air hose, various nozzle adapters, USB charging cable, and car power adapter.

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your tire inflator:

PRODUCT DETAILS



Image: Detailed diagram illustrating the key components of the inflator, including the digital LCD display, pressure adjustment buttons, air outlet, inflate switch, non-slip handle, bright LED light, and cordless battery compartment.

- **Digital LCD Display:** Shows current pressure, preset pressure, and selected unit.
- **Pressure Adjustment Buttons (+/-):** Used to increase or decrease the target pressure.
- **Mode Button (M):** Cycles through pressure units (PSI, BAR, KPA, KG/CM²).
- **Inflate Switch:** Activates/deactivates the inflation process.
- **Air Outlet:** Connection point for the air hose.
- **Bright LED Light:** Provides illumination for night use or low-light conditions.
- **Non-Slip Handle:** Ergonomically designed for comfortable grip.
- **Cordless Battery:** Removable 6000mAh lithium battery for portable use.
- **Twistable Handle:** The handle can be twisted 90 degrees for easier handling and storage.

TWISTABLE HANDLE

Easier for using and carry



Image: The inflator demonstrating its 90-degree twistable handle feature, highlighting its ergonomic design for ease of use and compact storage.

5. SETUP

5.1 Charging the Battery

The inflator is equipped with a built-in 6000mAh rechargeable lithium battery. Before first use, fully charge the battery.

- Connect the provided USB Charge Cable to the Type-C charging interface on the inflator.
- Plug the other end into a suitable USB power adapter (not included) or a computer USB port.
- The battery indicator on the display will show charging status. A steady red light indicates charging, and a steady green light indicates a full charge.
- Alternatively, the removable battery can be charged separately using its dedicated charging base (if included).



Image: Illustration showing the battery charging process, indicating a 4-bar battery power for fully charged status, and the transition from steady red (charging) to steady green (fully charged) light.

5.2 Connecting the Air Hose

Screw the air hose securely onto the air outlet of the inflator. Ensure a tight connection to prevent air leakage.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

Press the power button to turn on the inflator. The LCD display will light up. Long press the power button to turn it off.

6.2 Selecting Pressure Unit

With the inflator powered on, press the "M" (Mode) button to cycle through the available pressure units: PSI, BAR, KPA, and KG/CM².



Three Measure Units

PSI BAR KG/CM²

- Accurate LCD Digital Gauge
- Readable Preset Value
- Instant Inflated progress
- Actual Tire Pressure
- Overheat Protection



Image: The inflator's LCD screen displaying the three available measurement units: PSI, BAR, and KG/CM², indicating accurate digital gauge readings and preset value options.

6.3 Setting Target Pressure

Use the "+" and "-" buttons to set your desired target pressure. The display will show the preset value. The inflator will automatically stop once this pressure is reached.



Image: Close-up of the inflator's display and buttons, highlighting the preset and automatic stop function for precise inflation.

6.4 Inflation Process

1. Connect the air hose to the valve stem of the item you wish to inflate. Ensure a secure connection. For different items, use the appropriate nozzle adapter.
2. Press the Inflate Switch to begin inflation. The display will show the real-time pressure.
3. The inflator will automatically shut off once the preset pressure is reached.
4. Disconnect the air hose from the valve stem.



Image: A four-step operation guide showing how to connect the hose to a tire valve, set the desired pressure on the digital display, and initiate inflation.

6.5 Using the LED Light

The inflator features a bright LED light with three modes: lighting, SOS, and strobe. Press the light button to cycle through these modes. This is useful for nighttime operations or emergencies.



Image: The inflator in use, with its bright LED light illuminating the tire valve area, demonstrating its utility in low-light conditions.

6.6 Power Bank Function

The 6000mAh battery can also serve as a power bank. Connect your smartphone or other USB-powered devices to the Type-C port for emergency charging.

6.7 Applications

This versatile inflator is suitable for:

- Car/SUV/RV Tires
- Motorcycle Tires
- Bicycle Tires
- Sports Equipment (e.g., basketballs, footballs)
- Inflatable Toys (e.g., swimming rings)

MULTIFUNCTION




2000mAh*3
Battery Capacity


USB Charger



Image: A collage demonstrating the multi-functional use of the inflator for various items, including car tires, bicycle tires, sports balls, and inflatable toys.

7. MAINTENANCE

- **Cleaning:** Wipe the exterior of the inflator with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the inflator in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the battery is partially charged (around 50%) if storing for extended periods to preserve battery life.
- **Hose and Adapters:** Keep the air hose and nozzle adapters clean and free from debris.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Inflator does not turn on.	Battery is depleted.	Charge the battery fully.
Inflator stops prematurely or does not inflate.	Preset pressure reached; Hose not securely connected; Battery low; Overheating.	Check preset pressure; Re-secure hose connection; Recharge battery; Allow device to cool down.
"ERR" message on display.	Internal error or malfunction.	Turn off the inflator, wait a few minutes, then turn it back on. If the error persists, contact customer support.
Inaccurate pressure reading.	Incorrect pressure unit selected; Loose hose connection.	Ensure correct unit is selected (PSI, BAR, KPA, KG/CM²); Check hose connection.





9. SPECIFICATIONS

Feature	Detail
Brand	FNNEMGE
Model Name	FG901 (LS407S)
Voltage	12 Volts
Power Source	Battery Powered (6000mAh Lithium Battery) & DC 12V Car Adapter
Maximum Pressure	150 PSI
Airflow	Up to 35 L/min
Maximum Power	120 Watts
Noise Level	75 dB
Special Features	Automatic Shut-Off, LED Light (Lighting/SOS/Strobe), Portable, Power Bank Function
Item Weight	0.6 Kilograms (1.32 pounds)
Product Dimensions	6.87"L x 4.33"W x 2.3"H
Material	Acrylonitrile Butadiene Styrene
Color	Red

10. WARRANTY AND SUPPORT

This FNNEMGE product comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or neglect. For warranty claims, technical support, or any questions regarding your product, please contact FNNEMGE customer service through the retailer where you purchased the product or refer to the contact information provided on the product packaging or official FNNEMGE website.

Related Documents - LS407S

<p>Multi-function portable car jump starter User Manual</p>  <p>Please read this manual carefully before use SERVICE_FNNEMGE@OUTLOOK.COM</p>	<p>FNNEMGE Multi-function Portable Car Jump Starter User Manual</p> <p>User manual for the FNNEMGE multi-function portable car jump starter, detailing its features, specifications, operation, and safety precautions. Includes instructions for jump starting a vehicle and LED indicator meanings.</p>
<p>Multi-function portable car jump starter User Manual</p>  <p>Please read this manual carefully before use SERVICE_FNNEMGE@OUTLOOK.COM</p>	<p>FNNEMGE 2000A Portable Car Jump Starter User Manual 21800mAh 12V Booster</p> <p>This user manual details the FNNEMGE 2000A portable car jump starter, featuring a 21800mAh battery, 12V output, and USB charging capabilities. Learn about its functions, specifications, and safe operation for emergency vehicle starting.</p>
<p>Multi-function portable car jump starter User Manual</p>  <p>Please read this manual carefully before use SERVICE_FNNEMGE@OUTLOOK.COM</p>	<p>FNNEMGE Multi-function Portable Car Jump Starter User Manual</p> <p>User manual for the FNNEMGE multi-function portable car jump starter, detailing its features, specifications, operation, and safety precautions. Includes instructions for jump starting a vehicle and LED indicator meanings.</p>
<p>Multi-function portable car jump starter User Manual</p>  <p>Please read this manual carefully before use SERVICE_FNNEMGE@OUTLOOK.COM</p>	<p>FNNEMGE 2000A Portable Car Jump Starter User Manual 21800mAh 12V Booster</p> <p>This user manual details the FNNEMGE 2000A portable car jump starter, featuring a 21800mAh battery, 12V output, and USB charging capabilities. Learn about its functions, specifications, and safe operation for emergency vehicle starting.</p>