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LiTHELi E1IF17000

Litheli 20V Cordless Tire Inflator Air Compressor User Manual

Model: E1IF17000

INTRODUCTION AND SAFETY INFORMATION

Thank you for choosing the Litheli 20V Cordless Tire Inflator Air Compressor. This manual provides essential information for the safe and efficient operation of your device. Please read it thoroughly before use and retain it for future reference.

General Safety Guidelines

- Always wear appropriate eye protection when operating the inflator.
- Do not leave the inflator unattended during operation.
- Keep children and bystanders away from the work area.
- Ensure the inflator is stored in a dry, secure location away from extreme temperatures.
- Do not attempt to inflate items beyond their recommended pressure limits.
- Use only Litheli 20V batteries and chargers with this device.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Smart Electric Air Pump
- Pressure Hose
- French Nozzle Adapter
- Ball-shaped Needles
- Long Conical Nozzle
- USB-C Charging Cable
- 20V Li-ion Battery Pack

WHAT'S IN THE BOX?

- 1. Smart electric air pump
- 2. Pressure hose
- 3. French nozzle adapter
- 4. Ball-shaped needles
- 5. Long conical nozzle
- 6. USB-C charging cable
- 7. 20V Li-ion Battery Pack

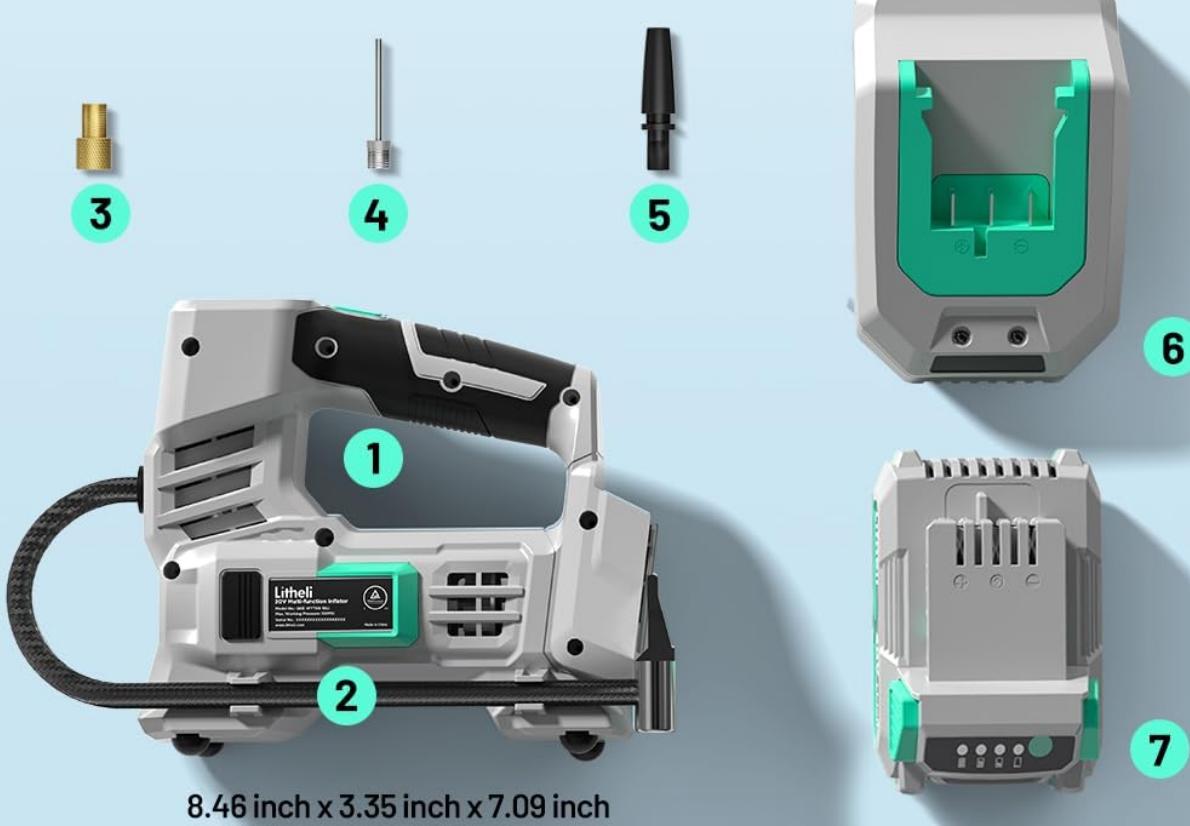


Image: Components included in the Litheli 20V Cordless Tire Inflator package.

SETUP

1. Battery Installation

1. Ensure the battery is fully charged using the provided USB-C charging cable and charger.
2. Align the battery pack with the battery slot on the bottom of the inflator.
3. Slide the battery into the slot until it clicks securely into place. To remove, press the release button on the battery and slide it out.

2. Attaching the Air Hose and Adapters

1. Screw the air hose securely onto the inflator's air outlet.
2. Select the appropriate nozzle adapter for the item you wish to inflate (e.g., French nozzle adapter for bicycles, ball needle for sports balls, conical nozzle for inflatable toys).
3. Attach the selected adapter to the end of the air hose.

Your browser does not support the video tag.

Video: This video demonstrates how to install the battery and attach various adapters to the Litheli Tire Inflator.

OPERATING INSTRUCTIONS

1. Power On and Pressure Setting

1. Press the power button (**U**) to turn on the inflator. The LCD digital display will illuminate.
2. Use the 'M' button to cycle through pressure units: PSI, BAR, KPA, and kg/cm².
3. Use the '+' and '-' buttons to set your desired target pressure.



Image: The digital display shows real-time pressure and allows for preset adjustments.

2. Inflation Process

1. Connect the air hose with the appropriate adapter to the valve of the item you wish to inflate. Ensure a secure connection to prevent air leakage.
2. Press the start/stop button (**II**) to begin inflation. The inflator will automatically stop once the preset pressure is

reached.

3. Monitor the real-time pressure on the LCD display during inflation.
4. Once inflation is complete, disconnect the hose from the item and turn off the inflator by pressing the power button.



Image: The inflator features an automatic shut-off function when the target pressure is reached.

3. LED Lighting Modes

The inflator is equipped with an LED light for improved visibility in low-light conditions.

- Press the light button once for a steady bright light (Working Mode).
- Press the light button a second time for a flashing light (SOS Mode) for emergency signaling.
- Press the light button a third time to turn off the LED light.

LED LIGHT

FOR WORKING IN DARKNESS



LED Light



Easy to Operate



Automatic Shutoff



15-inch Hose

Image: The integrated LED light assists with operation in dark environments.

Your browser does not support the video tag.

Video: This video provides an overview of the Litheli Tire Inflator Air Compressor's features and operation.

APPLICATIONS

The Litheli 20V Cordless Tire Inflator is versatile and suitable for a variety of inflation needs:

- **Car Tires:** Recommended pressure range 29-43 PSI.
- **Motorcycle Tires:** Recommended pressure range 29-43 PSI.
- **Bicycle Tires:** Recommended pressure range 3-22 PSI.
- **Sports Balls:** Recommended pressure range 4-16 PSI.
- **Swimming Rings/Inflatables:** Recommended pressure range 2-12 PSI.

Note: This inflator is not suitable for large truck tires.

WIDELY APPLICATIONS

Car
29-43PSI



Bikes
3-22PSI



Swimming Ring
2-12PSI



Balls
4-16PSI



Image: The inflator is compatible with a wide range of items, from vehicle tires to sports equipment.

MAINTENANCE

Cleaning

- Before cleaning, ensure the inflator is turned off and the battery is removed.
- Wipe the exterior of the inflator with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure no moisture enters the air vents or charging port.

Storage

- Store the inflator and its accessories in a cool, dry place, away from direct sunlight and extreme temperatures.
- Keep the battery charged to approximately 50% for long-term storage to prolong its lifespan.
- Ensure the air hose is neatly coiled and adapters are stored securely to prevent loss or damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Inflator does not turn on.	Battery is not installed correctly or is discharged.	Ensure battery is fully charged and properly seated.
Inflator runs but no air comes out.	Air hose is not securely attached or is blocked.	Check hose connections. Ensure no debris is blocking the hose or nozzle.
Inaccurate pressure reading.	Hose connection is loose.	Tighten the air hose connection to the valve.
Inflator stops prematurely.	Preset pressure reached or battery low.	Check preset pressure. Recharge battery if necessary.

SPECIFICATIONS

Feature	Detail
Brand	LiTHELi
Model Name	20V Cordless Tire Inflator
Item Model Number	E1IF17000
Voltage	20 Volts (DC)
Power Source	Battery Powered (Lithium Ion)
Maximum Operating Pressure	150 PSI
Air Flow Capacity	25 Liters Per Minute (25 LPM)
Noise Level	78 Decibels
Item Weight	4.27 pounds
Included Components	3 Nozzle Adapters, Battery, Charger
Special Features	Easy to Install, Portable, LED Light, Auto-shutoff

WARRANTY AND SUPPORT

Warranty Information

This Litheli product is covered by a **2-Year Manufacturer's Warranty**. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use.

Customer Support

For technical assistance, warranty claims, or general inquiries, please contact Litheli customer support. Refer to the contact information provided in your product packaging or visit the official Litheli website for the most up-to-date support details.