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## CYCPLUS AL7

# CYCPLUS AL7 Portable Air Compressor User Manual

Model: AL7 | Brand: CYCPLUS

## INTRODUCTION

The CYCPLUS AL7 Portable Air Compressor is a high-powered, versatile tire inflator designed for a wide range of applications, from heavy-duty trucks and pickups to regular cars, bicycles, and various inflatables. Its compact and portable design, combined with advanced features like fast inflation, a large-capacity battery, and automatic shut-off, makes it an essential tool for maintaining optimal tire pressure and for emergency situations.

Please read this manual thoroughly before operating the device to ensure safe and efficient use. Keep this manual for future reference.

## SAFETY INFORMATION

Always adhere to the following safety guidelines to prevent injury or damage to the device:

- Read all instructions carefully before use.
- Keep the device out of reach of children and pets.
- Do not leave the inflator unattended while in operation.
- Ensure proper ventilation during use to prevent overheating.
- Avoid over-inflating tires or other items. Always refer to the manufacturer's recommended pressure.
- Do not operate the device if it has been dropped, damaged, or exposed to water.
- Use only the provided accessories and attachments.
- Store the device in a cool, dry place when not in use.
- The device may become warm during prolonged operation. Allow it to cool down before handling or storing.

## PACKAGE CONTENTS

Verify that all items are present in your package:

- CYCPLUS AL7 Inflator Unit
- Air Hose + Schrader Valve

- T-hose
- Presta Valve Converter
- Ball Needle
- Balloon Nozzle
- Type-C Charging Cable
- User Manual

## Package List

Inflator AL7  
 Air Hose + Schrader Valve  
 T-hose  
 Presta Valve  
 Ball Needle  
 Balloon Nozzle  
 Type-c charging Cable  
 User Manual



*Image: Contents of the CYCPLUS AL7 package, including the inflator unit, various nozzles, air hose, charging cable, and user manual.*

## PRODUCT FEATURES

The AL7 is engineered with several key features for optimal performance and user convenience:

- **Designed for Heavy-Duty Vehicles:** Excels at inflating large tires for pickups, trucks, and off-road vehicles, in addition to standard cars, bicycles, and various inflatables.
- **Portable & Compact:** Weighing 2.8 lbs with dimensions of 6.4" × 6.4" × 3.5", it features a retractable handle for easy transport and storage.
- **4X Faster Inflation:** Delivers 45L/min airflow, capable of refilling a 315/70 R17 pickup tire from 30-36 PSI in approximately 2 minutes, or a LT275/70 R18 truck tire from 72-80 PSI in 4 minutes. Maximum pressure of 100 PSI.
- **High-Capacity Lithium Battery:** Equipped with a 15600 mAh battery, allowing inflation of up to 9 F-150 tires (315/70 R17) from 28 to 36 PSI on a single full charge.
- **Fast Charging & Power Bank Function:** Features a USB-C 30W dual-direction fast charging port, fully charging the unit in just 150 minutes. Can also serve as an emergency power bank for other devices.
- **Reliable Performance with Cooling System:** A self-developed motor combined with a unique cooling system allows for up to 35 minutes of continuous operation without overheating.
- **Auto Shut-off & Large LED Screen:** The large LED display provides easy reading of preset and real-time pressure values with ±1 PSI accuracy. The device automatically stops once the target pressure is reached.
- **Integrated Accessory Storage:** Built-in compartment for convenient storage of the air hose and various nozzles.
- **Dual Power Supply Flexibility:** Can operate cordlessly using its internal battery or corded via a 12V DC car charger cable (sold separately).
- **LED Emergency Light:** Features three adjustable LED brightness levels for visibility during nighttime use or emergencies.



*Image: The CYCPLUS AL7 Portable Air Compressor, showcasing its compact design and integrated handle.*

# Designed For Pickup/RV

With an unparalleled airflow of 45L/Min.

Large tires are nothing difficult. Experience the smaller but faster inflator available today.

**45 SEC** 195/65R15

**95 SEC** 315/70R17



 **Truck Tires**

 **Off-road Tires**

 **Pickup Tires**

 **SUV Tires**

Image: The AL7 inflator positioned next to a large truck tire, illustrating its capability for heavy-duty vehicle inflation with 45L/min airflow.




# Super Large Capacity Battery

**As Tire Inflator**

**5200 mAh/11.1V**

 Car x **10**

 Motorcycle x **28**

 Bike x **84**

 Ball x **160**

**As Power Bank**

**15600 mAh**



iphone \*4



ipad \*2



Mac \*1



Image: Transparent view of the CYCPLUS AL7 highlighting its 15600 mAh lithium battery, capable of inflating multiple car, motorcycle, or bicycle tires, and serving as a power bank.

# ***Stay Cooling All The Time***

Dual fans cooling system and specialised Air Duct Design for Maximum Possible Heat Dissipation.

Even after **35 Min** of inflation, the Body Will not get hot.



*Image: Diagram illustrating the dual fan cooling system and specialized air duct design of the AL7, ensuring efficient heat dissipation during continuous operation.*



# ***Small and Compact***

**2.8 lb**

6.4 \* 6.4 \* 3.5 in

3.5"

6.4"

6.4"

CYCPLUS

*Image: The compact size of the CYCPLUS AL7, showing its dimensions (6.4" x 6.4" x 3.5") and weight (2.8 lbs) in a hand.*

## Product Details



Image: Close-up of the CYCPLUS AL7 showing its retractable handle, LED light, 12V DC port, and Type-C charging port.

## SETUP

### 1. Initial Charging

Before first use, fully charge the CYCPLUS AL7. Connect the provided Type-C charging cable to the Type-C port on the unit and to a compatible USB power adapter (not included). The LED screen will indicate charging status. A full charge takes approximately 150 minutes.

### 2. Accessing Accessories

The AL7 features a built-in storage compartment for its accessories. Open the compartment cover to access the air hose, various nozzles (T-hose, Presta Valve, Ball Needle, Balloon Nozzle), and the Type-C charging cable.



# Dedicated Accessory Storage Space

Keep hoses and nozzles perfectly organized in the built-in storage compartment. Integrated extension air hose.



## Storage Compartment Cover

- 1 T-hose
- 2 Presta Valve
- 3 Ball Needle
- 4 Balloon Nozzle

## Storage Compartment

- 5 Air Hose + Schrader Valve
- 6 Type-C Charging Cable

**65cm** Integrated extension air hose

Image: The dedicated accessory storage compartment of the CYCPLUS AL7, showing the organized placement of the air hose and various inflation nozzles.

## OPERATING INSTRUCTIONS

### 1. Powering On/Off

- To power on: Press and hold the power button ( ) for a few seconds until the LED screen illuminates.
- To power off: Press and hold the power button ( ) again until the screen turns off. The device will also auto-shut off after a period of inactivity.

### 2. Selecting Inflation Mode & Setting Pressure

- After powering on, press the mode selection button (circular button with arrows) to cycle through the preset inflation modes:
  - Car (car icon)
  - Motorcycle (motorcycle icon)

- Bicycle (*bicycle icon*)
- Ball (*basketball icon*)
- Once a mode is selected, the default preset pressure for that mode will be displayed.
- To adjust the target pressure: Rotate the knob clockwise to increase the pressure and counter-clockwise to decrease it. The maximum adjustable pressure is 100 PSI.
- To switch pressure units (PSI/BAR): Briefly press the mode selection button.



Image: The large LED screen of the CYCPLUS AL7, showing pressure units, preset modes, and the intuitive knob for pressure adjustment.



Image: A user adjusting the pressure on the CYCPLUS AL7 using its unique knob design, demonstrating effortless pressure control.

### 3. Connecting to Item & Starting Inflation

- Screw the air hose onto the inflator's air outlet.
- Attach the appropriate nozzle (if needed) to the other end of the air hose.
- Connect the nozzle/hose securely to the tire valve or inflatable item.
- Once connected, the screen will display the current pressure of the item.
- To start inflation: Briefly press the power button ( ). The compressor will begin inflating.
- The device will automatically stop once the preset target pressure is reached.
- To manually stop inflation: Briefly press the power button ( ) again.

Your browser does not support the video tag.

Video: Official product introduction video for the CYCPLUS AL7 Pickup Tire Inflator, demonstrating its features and ease of use for various inflation needs.

### 4. Using the LED Emergency Light

- To turn on the LED light: Briefly press the light button (lightbulb icon).
- To cycle through brightness levels (3 levels): Briefly press the light button again.
- To turn off the LED light: Continue pressing the light button until the light turns off.

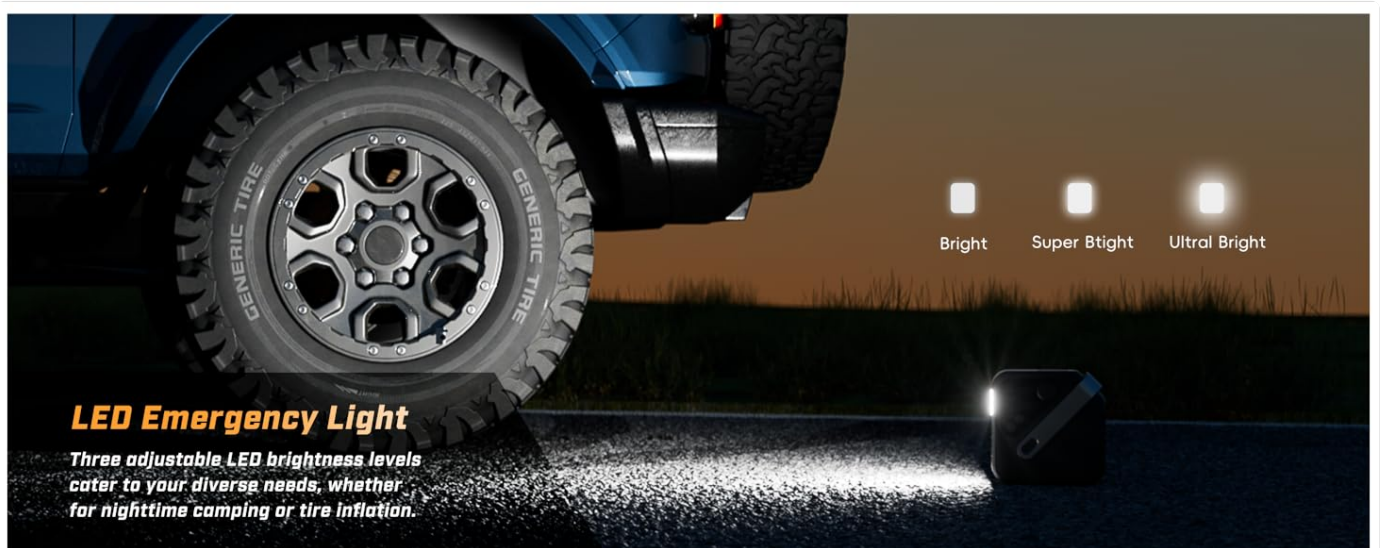




Image: The CYCPLUS AL7 demonstrating its LED emergency light feature with three adjustable brightness levels, useful for nighttime operations.

## 5. Using as a Power Bank

The AL7 can charge other devices via its USB-C port. Connect your device's charging cable to the USB-C port on the AL7. The unit will automatically begin charging your device.

## MAINTENANCE

- **Cleaning:** Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure no water enters the ports or vents.
- **Storage:** Store the inflator in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure all accessories are neatly stored in the built-in compartment.
- **Battery Care:** For optimal battery life, charge the unit fully at least once every three months, even if not in regular use.
- **Hose & Nozzle Inspection:** Regularly check the air hose and nozzles for any signs of wear, cracks, or blockages. Replace if necessary.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Low battery; Power button not pressed correctly.	Charge the device fully. Press and hold the power button for a few seconds.
Inflator not inflating.	Hose not securely connected; Target pressure already reached; Blocked nozzle.	Ensure hose and nozzle are tightly connected. Check current pressure reading. Clear any blockages.
Inaccurate pressure reading.	Loose connection; Sensor issue.	Ensure the hose is securely attached to the valve. If problem persists, contact support.
Device overheats and shuts down.	Prolonged continuous use.	Allow the device to cool down for at least 15-20 minutes before resuming operation.

## SPECIFICATIONS

Feature	Detail
Brand	CYCPLUS
Model Name	AL7
Power Source	Battery Powered (15600 mAh Lithium Ion)
Voltage	12 Volts (DC)
Maximum Operating Pressure	100 PSI
Air Flow Capacity	45 LPM
Noise Level	80 dB

Feature	Detail
Item Weight	2.78 pounds (1259.98 Grams)
Product Dimensions	6.4 x 6.4 x 3.5 inches
Charging Port	USB-C 30W (Dual-direction)
Special Features	Portable, LED Light, Automatic Shut-Off, Quick Inflation, Power Bank Function, Active Cooling

Working Performance When Full Charging				
Tire Type	Tire Size	Pressure	Inflation Time	Available Times
Road Bike	700C25	0-80 PSI/5.52 bar	20s	80
	700C25	0-100 PSI/6.89 bar	35s	40
Mountain Bike	26x1.95	0-50 PSI/3.45bar	50s	40
Small Vehicle	195/65 R15	0-36 PSI/2.48 bar	3min	8
	195/65 R15	28-36 PSI/1.93-2.48 bar	50s	35
SUV	215/60 R17	0-36 PSI/2.48 bar	3min40s	7
	215/60 R17	28-36 PSI/1.93-2.48 bar	65s	26
Light Truck	LT275/70 R18	0-80 PSI/5.52 bar	25min	1
	LT275/70 R18	72-80 PSI/4.96-5.52 bar	4min	4
Pickup Truck	315/70 R17	0-36 PSI/2.48 bar	10min30s	2
	315/70 R17	28-36 PSI/1.93-2.48 bar	2min50s	9
Data from the CYCPLUS experiment, for reference only.				

Image: A table detailing the working performance of the CYCPLUS AL7 on a full charge, including inflation times and available inflations for various tire types and sizes.

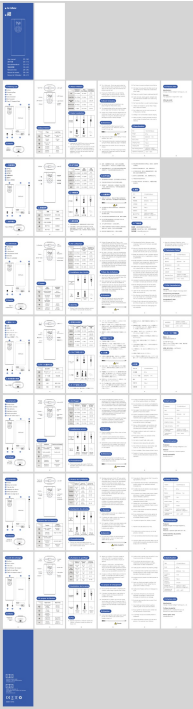
## WARRANTY & SUPPORT

The CYCPLUS AL7 Portable Air Compressor comes with a **One Year Warranty** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use.

For warranty claims, technical support, or any inquiries regarding your product, please contact CYCPLUS customer service through the official website or your point of purchase. Please have your purchase receipt and product model number (AL7) ready when contacting support.

Visit the official CYCPLUS store for more information and product updates:[CYCPLUS Amazon Store](#)

### Related Documents - AL7




[CYCPLUS A8 Portable Air Pump User Manual](#)

Comprehensive user manual for the CYCPLUS A8 Portable Air Pump Electric Compressor Tire Inflator, detailing its features, operation, and maintenance.

■ Tire Inflator

A2



User manual

用户手册

Benutzerhandbuch

取扱説明書

Manuale d'uso

Manual de usuario

Manuel de l'utilisateur

[01 - 03]

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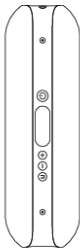
After-sales email: [steven@cycplus.com](mailto:steven@cycplus.com)

[CYCPLUS A2 Smart Tire Inflator User Manual and Specifications](#)

Comprehensive user manual and technical specifications for the CYCPLUS A2 Smart Tire Inflator, covering operation, charging, safety, and product details.

■ Tire Inflator

A2



User manual

用户手册

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Manuale d'uso

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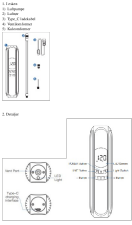


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After-sales email: [steven@cycplus.com](mailto:steven@cycplus.com)

[CYCPLUS A2 Smart Tire Inflator User Manual](#)

User manual for the CYCPLUS A2 Smart Tire Inflator, detailing its features, operation, specifications, and maintenance.



 <p>1. Unpack 2. Charge 3. Inflate 4. Deflate 5. Store</p> <p>2. Inflate</p>	<p><a href="#">Cycplus A10 Portable Air Pump User Manual and Specifications</a></p> <p>Comprehensive user manual for the Cycplus A10 portable air pump, detailing its features, operation, charging, safety notes, and technical specifications. Includes guidance on using different valve types and pressure settings for various applications like cars, bikes, and balls.</p>
 <p><b>CYCPLUS</b> <b>AS2 Pro</b> Bicycle Tire Inflator</p> <p>User manual [01 - 04] 用戶手冊 [05 - 08] Benutzerhandbuch [09 - 12] Manuel de l'utilisateur [13 - 16] Manual de usuario [17 - 20] Manual de uso [21 - 24] 取扱説明書 [25 - 28] After-sales email: <a href="mailto:staven@cycplus.com">staven@cycplus.com</a></p>	<p><a href="#">CYCPLUS AS2 Pro Bicycle Tire Inflator User Manual</a></p> <p>This manual provides instructions for the CYCPLUS AS2 Pro Bicycle Tire Inflator, covering its features, operation, specifications, and maintenance. Learn how to inflate tires, set pressure, and charge the device.</p>
 <p><b>CYCPLUS</b> <b>AS2 Pro</b> Cykeldekkpumpe</p> <p><b>CYCPLUS</b> Bicycle manual</p>	<p><a href="#">CYCPLUS AS2 Pro Bicycle Pump User Manual</a></p> <p>Comprehensive user manual for the CYCPLUS AS2 Pro bicycle pump, covering setup, operation, charging, specifications, safety warnings, and conformity information.</p>