CYCPLUS AS2PRO

CYCPLUS Tiny Bicycle Pump AS2 PRO User Manual

Model: AS2 PRO (2025 Updated Version)

1. INTRODUCTION

The CYCPLUS Tiny Bicycle Pump AS2 PRO is a compact and powerful electric mini pump designed for efficient tire inflation. This 2025 updated version features enhanced performance with upgraded brushless motors and polymerized lithium batteries. It is compatible with both Presta and Schrader valves, offers a maximum pressure of 120 PSI, and includes an auto-stop function for precise inflation. Its portable design makes it an ideal companion for various bicycles, including E-Bikes, Mountain Bikes, and Road Bikes.

The CYCPLUS Tiny Bicycle Pump AS2 PRO, a compact and lightweight electric pump, is shown held in a person's hand, demonstrating its small size and portability. The digital display shows '120 PSI'.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Tire Inflator (CYCPLUS AS2 PRO) 1
- Flexible Hose 1
- Presta Valve Adapter 1
- Ball Needle 1
- Silicone Case 1
- Waterproof Storage Bag 1
- USB Charging Cable 1
- User Manual 1

PACKAGE INCLUDES

Product Manual
Inflator
Packing Box
Silicone Case
Waterproof Bag
Pilar
Seal Port
Cable
Hose
Ball Needle
Presta Valve Converter

A comprehensive display of all items included in the CYCPLUS Tiny Bicycle Pump AS2 PRO package.
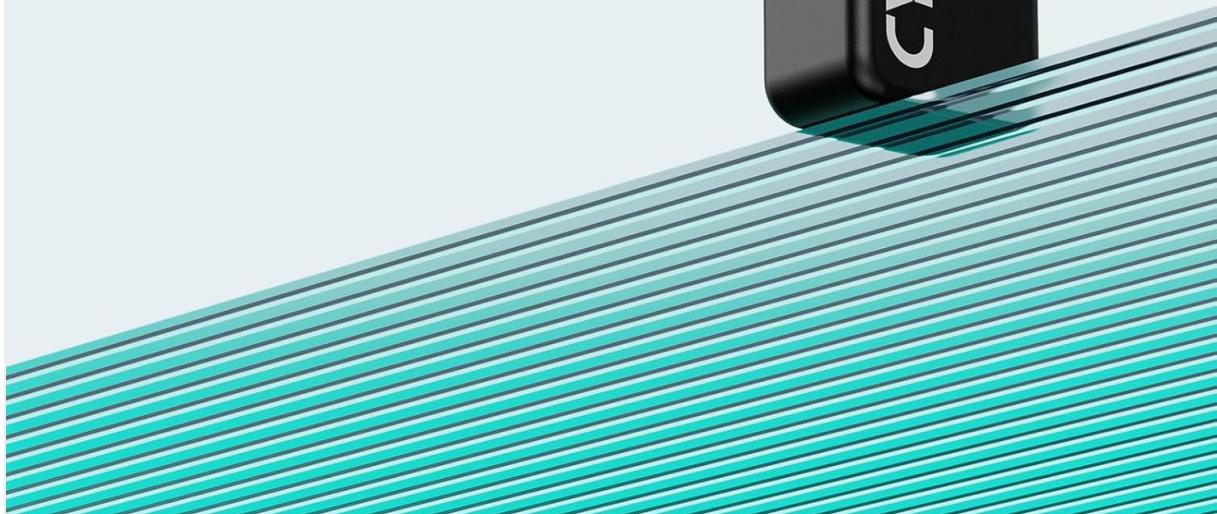
3. SETUP AND CHARGING

3.1 Initial Charging

Before first use, fully charge the CYCPLUS AS2 PRO. Connect the provided USB charging cable to the pump and a compatible USB power source. A full charge takes approximately 30 minutes. The battery indicator on the display will show charging status.

2025

New Upgrade

AS2 Pro 2025 version features upgraded brushless motors and more powerful polymerized lithium batteries for dramatically improved performance and stability.

The 2025 updated version of the AS2 PRO, featuring enhanced battery performance and quick charging.

3.2 Valve Compatibility

The pump is compatible with both Schrader and Presta valves. The flexible hose and included Presta valve adapter ensure versatile use.

- **For Schrader Valves:** Attach the flexible hose directly to the Schrader valve.
- **For Presta Valves:** First, screw the Presta valve adapter onto the Presta valve, then attach the flexible hose to the adapter.

PRESSURE MEASUREMENT

- Pressure Value
- Battery Level
- Pressure Unit

✓ **Max 120 PSI**

✓ **Real-time Display**

✓ **Accuracy: ±1 PSI / 0.1 BAR**

✓ **2 Units Options (BAR & PSI)**

The digital display of the CYCPLUS Tiny Bicycle Pump AS2 PRO, showing pressure value, battery level, and unit options (BAR & PSI).

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

Press and hold the power button to turn the pump on or off. The LED display will illuminate upon activation.

4.2 Setting Desired Pressure

Once powered on, use the '+' and '-' buttons to adjust the target pressure. The large LED screen provides real-time pressure readings and allows for precise setting with an accuracy of 1 PSI. You can switch between PSI and BAR units.

4.3 Connecting to Tire and Inflation

1. Ensure the pump is charged and the desired pressure is set.
2. Connect the flexible hose to the pump's inflation port.
3. Attach the other end of the flexible hose (with or without the Presta adapter) securely to the tire valve.
4. Press the inflation button to start pumping. The pump will automatically stop once the preset pressure is reached.

5. Carefully disconnect the hose from the valve and the pump.

AUTO STOP
You can set or adjust the pressure, and it will automatically stop once reached preset value

*Use air hose can prevent burns from continuous injections

The CYCPLUS Tiny Bicycle Pump AS2 PRO connected to a bicycle tire valve, illustrating its auto-stop feature.

4.4 Inflation Performance

The AS2 PRO offers rapid inflation. For example, it can refill a 700 x 25C tire from 0-80 PSI in approximately 52 seconds, and inflate it from 0-120 PSI in about 120 seconds.

POWERFUL INFLATION

Only **50s** to refill a 700*25C road bike tire (0-80 PSI)

Only **120s** to inflate a 700*25C road bike tire(0-120 PSI)

The CYCPLUS Tiny Bicycle Pump AS2 PRO actively inflating a bicycle tire, demonstrating its powerful and fast inflation capabilities.

4.5 Official Usage Videos

Your browser does not support the video tag.

Official CYCPLUS video demonstrating the features of the AS2 Pro electric pump. This video provides a detailed overview and demonstration of the upgraded Tiny E-PUMP AS2 Pro, showcasing its key features and how it operates.

Your browser does not support the video tag.

Official CYCPLUS video providing usage guidance for the Tiny E-PUMP AS series. This video offers comprehensive usage guidance for the Cycplus Tiny E-PUMP AS series, detailing step-by-step instructions for inflation and general operation.

5. MAINTENANCE

To ensure the longevity and optimal performance of your CYCPLUS Tiny Bicycle Pump AS2 PRO, follow these maintenance guidelines:

- **Cleaning:** Wipe the pump exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the pump in a cool, dry place away from direct sunlight and extreme temperatures. Use the provided waterproof storage bag for protection.
- **Battery Care:** For long-term storage, charge the pump to approximately 50% every three months to

preserve battery health. Avoid fully discharging the battery frequently.

- **Hose and Adapters:** Inspect the flexible hose and valve adapters regularly for any signs of wear or damage. Replace if necessary to ensure a proper seal during inflation.

6. TROUBLESHOOTING

If you encounter issues with your CYCPLUS Tiny Bicycle Pump AS2 PRO, please refer to the following common troubleshooting tips:

- **Pump Not Turning On:** Ensure the battery is sufficiently charged. Connect the pump to the USB charging cable and allow it to charge for at least 10-15 minutes before attempting to power on again.
- **Pump Not Inflating:** Check that the flexible hose is securely connected to both the pump and the tire valve. Ensure the valve is fully open (for Presta valves). Verify that the target pressure is set above the current tire pressure.
- **Inaccurate Pressure Reading:** Ensure the hose connection to the valve is tight and there are no air leaks. If the issue persists, try recalibrating by turning the pump off and on again.
- **Slow Inflation:** Check for any obstructions in the hose or valve. Ensure the battery is fully charged, as low battery can affect inflation speed.
- **Pump Overheating:** The pump may become warm during prolonged use. If it feels excessively hot, turn it off and allow it to cool down before resuming operation.

If these steps do not resolve the issue, please contact CYCPLUS customer support for further assistance.

7. SPECIFICATIONS

Feature	Specification
Model Name	AS2 PRO
Item Dimensions (LxWxH)	2.75 x 1.10 x 1.92 inches (approx.)
Weight	4.23 oz (120g)
Maximum Pressure	120 PSI
Pressure Accuracy	1 PSI
Power Source	Battery Powered (Polymerized Lithium)
Charging Time	Approx. 30 minutes (full charge)
Valve Compatibility	Presta and Schrader
Auto Shut-off	Yes
Display	LED Large Screen with Real-time Reading

7.1 Inflation Performance Table

Tire Type	Pressure Range	Inflating Time	Available Times (Full Charge)
700C25	0-80 PSI / 5.52 bar	50s	4
700C25	0-110 PSI / 7.58 bar	90s	2
700C28	0-80 PSI / 5.52 bar	60s	3

Tire Type	Pressure Range	Inflating Time	Available Times (Full Charge)
700C32	0-80 PSI / 5.52 bar	80s	2
29x2.2	30-50 PSI / 2.07-3.45 bar	60s	3
29x2.2	0-30 PSI / 2.07 bar	70s	3
700C45	30-50 PSI / 2.07-3.45 bar	30s	6
700C45	0-50 PSI / 3.45 bar	80s	3

A visual comparison highlighting the advantages of the CYCPLUS Tiny E-Pump over traditional manual bike pumps.

8. WARRANTY AND SUPPORT

CYCPLUS products are designed for reliability and performance. For warranty information, product registration, or technical support, please refer to the official CYCPLUS website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Contact Information:

- Official Website: www.cycplus.com
- Customer Service: Refer to the website for contact details.