

CYCPLUS AS2

CYCPLUS Tiny Pump AS2 Portable Electric Bicycle Pump User Manual

1. INTRODUCTION

Thank you for choosing the CYCPLUS Tiny Pump AS2. This ultra-mini, portable electric bicycle pump is designed for convenient and efficient tire inflation. With its compact size and powerful performance, it is an ideal companion for cyclists. Please read this manual thoroughly before use to ensure proper operation and to maximize the lifespan of your device.

2. SAFETY INFORMATION

- Keep the device away from water and high humidity.
- Do not disassemble or attempt to repair the pump yourself. Contact customer support for assistance.
- Keep out of reach of children.
- Do not point the inflation nozzle at eyes or other body parts.
- Ensure the correct pressure is set for your tire to avoid over-inflation, which can cause damage or injury.
- Use only the provided charging cable and power adapter.
- Avoid prolonged operation without breaks to prevent overheating.

3. PACKAGE CONTENTS

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

- Inflator (CYCPLUS Tiny Pump AS2)
- Type-C Cable
- Instructions Manual
- Packing Box

- Silicone Case
- Pillar
- Seal Part
- Extension Hose
- Splash-proof Pouch

PACKING LIST

Inflator
 Type-C Cable
 Instructions
 Packing Box
 Silicone Case
 Pillar
 Seal Part
 Extension Hose
 Splash-proof Pouch



Image: Contents of the CYCPLUS Tiny Pump AS2 package, including the pump, cables, and accessories.

4. PRODUCT OVERVIEW

The CYCPLUS Tiny Pump AS2 is an ultra-compact and powerful electric air pump designed for bicycle tires. Its key features include:

- **Ultra-Mini Size & Portable:** Weighing only 97g and measuring 4.35 x 2.8 x 6.5 cm, it is highly portable and can be easily carried in a pocket or attached to a backpack.
- **Powerful Inflation:** Achieves a maximum air pressure of 100 PSI with a wind speed of 5 L/min, allowing rapid inflation. It can reach 80 PSI in approximately 80 seconds for a 700*25C tire.
- **Rechargeable Battery:** Fully charges in just 20 minutes via Type-C. A full charge can inflate two 700*25C tires from 0 to 80 PSI.

- **Durable and Safe:** Designed for long-term use, capable of inflating at least 200 small tires, offering a safer alternative to CO2 inflators.

ULTRA-LIGHT TINY AIR PUMP

ONLY 97g

65*46*28 mm



Tiny E-PUMP has got the **winner** of the EUROBIKE Award 2023!

Image: The CYCPLUS Tiny Pump AS2 next to wireless earbuds, illustrating its compact and ultra-light design (97g, 65x46x28 mm).

SMALL BUT POWERFUL

With a full charge, it can inflate two 700*25c tires from 0 to 80 PSI



Image: A hand holding the CYCPLUS Tiny Pump AS2, with an overlay indicating its maximum inflation capacity of 100 PSI.



Image: The CYCPLUS Tiny Pump AS2 inflating a bicycle tire, highlighting its fast inflation capability to reach 80 PSI in 80 seconds.

Inflate Road Bicycle Tires in 80 Seconds

reach **80** Psi in just **80** Sec

The brushless motor technology and durable alloy construction of this pump make it a powerful and reliable tool for inflating your tires.

Image: A graphic demonstrating the CYCPLUS Tiny Pump AS2 inflating a road bicycle tire to 80 PSI in 80 seconds, emphasizing its brushless motor technology and durable alloy construction.

A REUSEABLE " CO₂ INFLATOR"

Last for more than **200+ tires**
no freezing of hands while inflating



Image: The CYCPLUS Tiny Pump AS2, described as a reusable inflator that lasts for over 200 tires without freezing hands during inflation.

5. SETUP

Before using the pump, ensure it is fully charged. Attach the extension hose to the pump and then to the tire valve.

Attaching the Extension Hose

The extension hose is specifically designed for folding bikes, scooters, and other small tire applications. It is crucial to use the extension hose for TPU valves.

EXTENSION HOSE INCLUDED

Especially designed for folding bikes, scooters,
and other small tire applications.



*Please don't inflate TPU valve without the extension hose.

Image: A hand attaching the extension hose from the CYCPLUS Tiny Pump AS2 to a bicycle tire valve. Note: Do not inflate TPU valves without the extension hose.

6. OPERATING INSTRUCTIONS

The CYCPLUS Tiny Pump AS2 features a simple one-button operation.

1. **Power On:** Double-click the power button to start the pump.
2. **Connect:** Securely attach the extension hose to the tire valve.
3. **Inflate:** The pump will begin inflating. Monitor the tire pressure if you have an external gauge, as this model does not include an integrated manometer.
4. **Power Off:** Double-click the power button again to stop the pump.

7. CHARGING

The pump is equipped with a rechargeable battery and charges via a Type-C port.

- Connect the provided Type-C cable to the pump and a suitable USB power source.
- A full charge takes approximately 20 minutes.

- The battery indicator lights provide an approximate charge level:
 - Green: 80%-100%
 - Orange: 50%-80%
 - Red: 0-50%

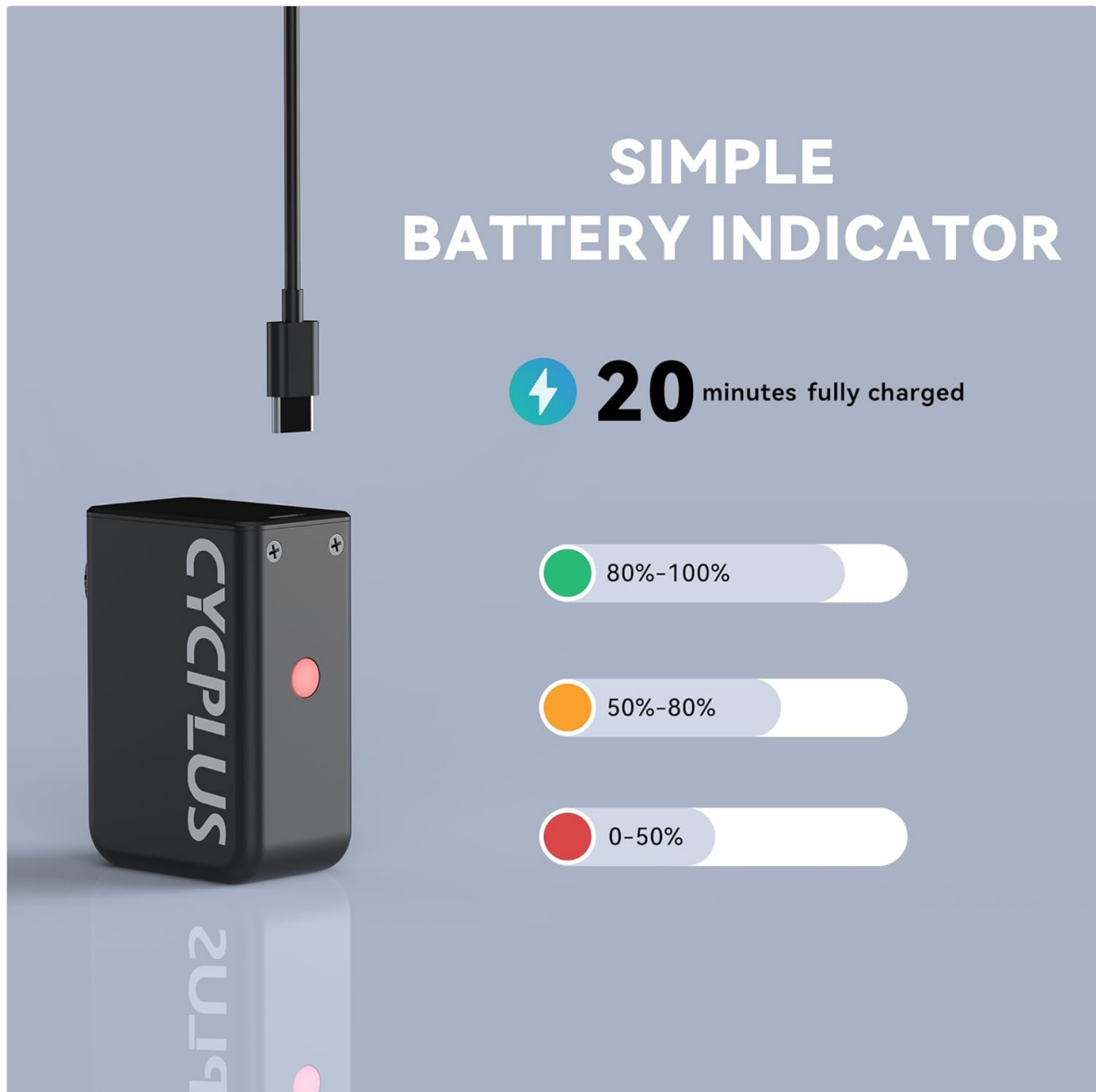


Image: A diagram showing the CYCPLUS Tiny Pump AS2 connected to a Type-C charging cable, with a simple battery indicator displaying charge levels (Green for 80-100%, Orange for 50-80%, Red for 0-50%).

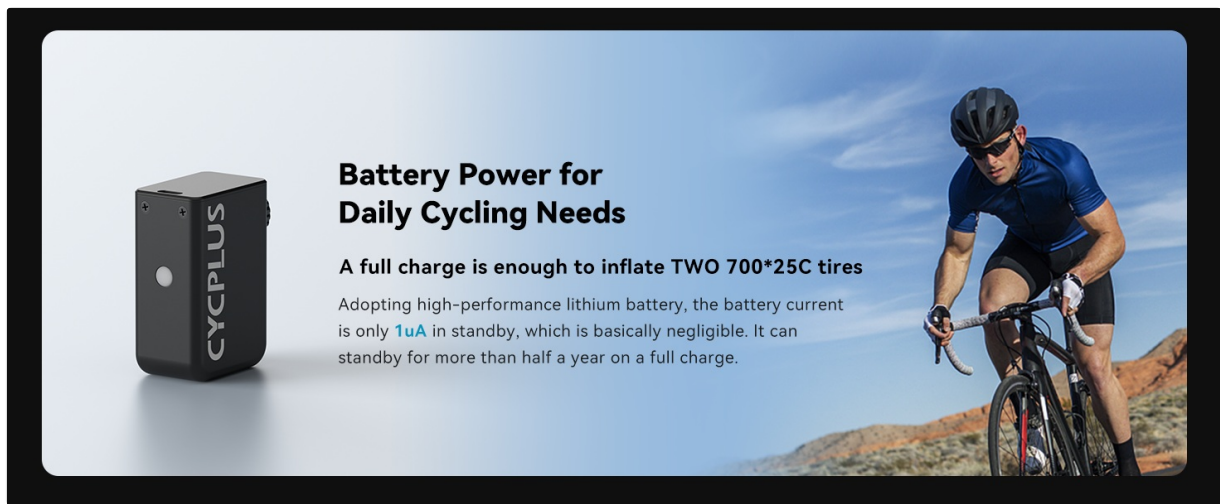


Image: A graphic illustrating the battery power for daily cycling needs, stating that a full charge is enough to inflate two 700*25C tires and that the pump can standby for over half a year on a full charge due to its high-performance lithium battery.

8. NOZZLE COMPATIBILITY

The CYCPLUS Tiny Pump AS2 is compatible with both Schrader and Presta valves. The nozzle design allows for easy switching between valve types by adjusting the internal seal part and pillar.

Configuring for Schrader Valve

- Ensure the seal part has the **big hole outward**.
- Insert the pillar for Schrader valve.
- Place the nozzle cap.

Configuring for Presta Valve

- Ensure the seal part has the **small hole outward**.
- No pillar is needed for Presta valve.
- Place the nozzle cap.

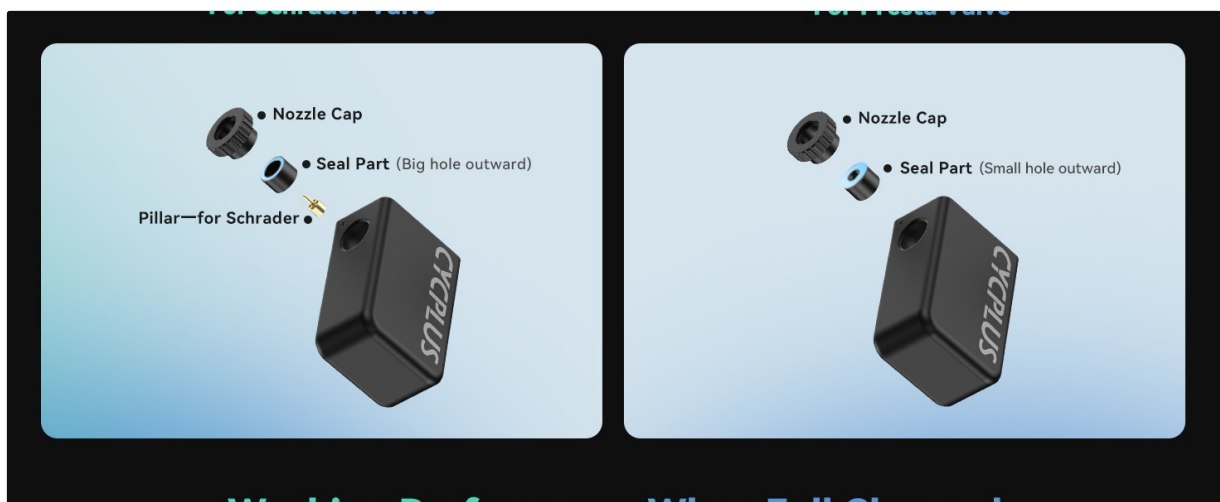


Image: A diagram illustrating the internal configuration of the CYCPLUS Tiny Pump AS2 nozzle for both Schrader and Presta valves, showing the placement of the nozzle cap, seal part, and pillar.

9. PERFORMANCE DATA

The following table provides approximate inflation times and available uses for various tire types when the pump is fully charged. These are experimental data from CYCPLUS labs and are for reference only.

Working Performance when Full Charged

| Tire Type | Pressure | Inflating Time | Available Times |
|-----------|--------------------|----------------|-----------------|
| 700C25 | 0-60PSI / 4.14bar | 50~60 sec | 4 |
| 700C25 | 0-80PSI / 5.52bar | 80~90 sec | 2 |
| 700C25 | 0-100PSI / 6.90bar | 150~160 sec | 1 |
| 26X1.95 | 0-35PSI / 2.41bar | 70~80 sec | 2 |
| 26X1.95 | 0-50PSI / 3.45bar | 120~130 sec | 1 |
| 700C28 | 0-70PSI / 4.83bar | 70~80 sec | 3 |
| 700C28 | 0-80PSI / 5.52bar | 150 sec | 1 |
| 700C32 | 0-60PSI / 4.14bar | 100~110 sec | 2 |
| 700C32 | 0-80PSI / 5.52bar | 230~240 sec | 1 |

*All experimental data from CYCPLUS labs for reference only, for reference only.

Image: A table detailing the working performance of the CYCPLUS Tiny Pump AS2 when fully charged, showing tire type, target pressure, inflation time, and available inflation times.

10. MAINTENANCE

- **Cleaning:** Wipe the pump 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.
- **Charging:** If storing for an extended period, charge the pump every 3-6 months to maintain battery health.
- **Nozzle Care:** Ensure the nozzle and extension hose are free from dirt or debris before and after use.

11. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|--------------------------------------|--|--|
| Pump does not turn on | Low battery; Incorrect operation | Charge the pump fully. Double-click the power button to activate. |
| Pump inflates slowly or not at all | Nozzle not securely attached; Incorrect nozzle configuration; Low battery; Valve issue | Ensure the nozzle is tightly screwed onto the valve. Verify correct Schrader/Presta configuration. Charge the pump. Check tire valve for damage. |
| Pump stops unexpectedly | Low battery; Overheating | Recharge the pump. Allow the pump to cool down before resuming operation. |
| Difficulty attaching nozzle to valve | Incorrect valve type; Debris in nozzle/valve | Ensure the nozzle is configured for the correct valve type (Schrader/Presta). Clean the nozzle and valve. |

12. SPECIFICATIONS

| Feature | Detail |
|--------------------------------|----------------------------------|
| Model Number | AS2 |
| Brand | CYCPLUS |
| Color | Black |
| Material | Aluminum |
| Item Weight | 97 Grams |
| Product Dimensions (L x W x H) | 44L x 28W x 65H millimeters |
| Power Source | Rechargeable Battery Powered |
| Air Flow Capacity | 5 Liters per minute |
| Maximum Pressure | 100 Pounds per square inch (PSI) |
| Operating Mode | Semi-automatic |
| Battery Type | Lithium-ion |
| Charging Time | 20 minutes (full charge) |
| Connector Type | USB Type-C |

CYCPLUS Tiny E-pump AS2 Series Comparison





| | Weight | Dimensions | Max Pressure | Real-time Pressure | Battery | Accuracy | (700*25c) Inflation Speed | (700*25c) Endurance | Extended Air Tube | Charging Time | Charging Port |
|---|--------|-------------------|--------------|--------------------|--------------|----------|---------------------------|---------------------|-------------------|---------------|---------------|
|  AS2 Ultra | 90g | 2.55*1.87*1.10 in | 120 PSI | ✓ | 7.4V 400mAh | 1 PSI | 2min 120 PSI | 2*110 PSI | ✓ | 25min | Type-C |
|  AS2 | 97g | 2.55*1.71*1.10 in | 100 PSI | / | 7.4V 300mAh | / | 2.5min 100 PSI | 2*80 PSI | ✓ | 20min | Type-C |
|  AS2 Pro | 120g | 2.75*1.92*1.10 in | 120 PSI | ✓ | 7.4V 420mAh | 1 PSI | 2min 120 PSI | 2*110 PSI | ✓ | 30min | Type-C |
|  AS2 Pro Max | 200g | 3.18*2.36*1.25 in | 120 PSI | ✓ | 11.1V 600mAh | 1 PSI | 75s 120 PSI | 4*120 PSI | ✓ | 1h | Type-C |

Image: A comparison table of the CYCPLUS Tiny E-pump AS2 series, showing specifications like weight, dimensions, max pressure, battery, and charging time for different models.

13. WARRANTY AND SUPPORT

Warranty: The product comes with a warranty as indicated by the manufacturer. Please refer to the product packaging or official CYCPLUS website for specific warranty terms and conditions.

Customer Support: For any questions, technical assistance, or support, please visit the official CYCPLUS brand store or contact their customer service directly.

Official CYCPLUS Brand Store: [CYCPLUS Store on Amazon](#)

14. OFFICIAL PRODUCT VIDEOS

No embeddable official product videos were found in the provided data.

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