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› [CYCPLUS Tiny Pump AS2 Electric Bicycle Pump Instruction Manual](#)

CYCPLUS AS2

CYCPLUS Tiny Pump AS2 Electric Bicycle Pump Instruction Manual

Model: AS2 | Brand: CYCPLUS

1. PRODUCT OVERVIEW

The CYCPLUS Tiny Pump AS2 is a portable, ultra-mini electric bicycle pump designed for convenient and rapid tire inflation. Its compact size and lightweight aluminum construction make it an ideal companion for cyclists. This pump features a Type-C rechargeable battery and is capable of reaching a maximum air pressure of 100 PSI.



The CYCPLUS Tiny Pump AS2, showcasing its compact design.

2. KEY FEATURES

- **Pocket Size & Portable:** Weighing only 3.42 oz (97g) and measuring 1.71 x 1.1 x 2.52 inches, this pump is designed for easy portability, fitting into a pocket or attaching to a backpack.
- **Powerful Inflation:** Achieves a maximum air pressure of 100 PSI with a wind speed of 5L/min, capable of inflating a 700*25C tire to 80 PSI in approximately 80 seconds.
- **Rechargeable Battery:** Fully charges in about 20 minutes and can inflate two 700*25C tires from 0 to 80 PSI on a single charge. Features a low standby current for extended battery life.
- **Dual Nozzle Compatibility:** Compatible with both Schrader and Presta valves, offering versatility for various bicycle types.
- **Durable & Safe:** Constructed from aluminum, designed for durability and capable of inflating over 200 tires

throughout its lifespan.

ULTRA-LIGHT TINY AIR PUMP

ONLY 97g

65*46*28 mm



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

Compact and lightweight design for easy transport.

FAST INFLATION



reach **80** psi

in just **80** sec

Demonstration of the pump's fast inflation capability.

3. PACKING LIST

The CYCPLUS Tiny Pump AS2 package includes the following items:

- Inflator (CYCPLUS Tiny Pump AS2)
- Type-C Charging Cable
- Instruction Manual
- Packing Box
- Silicone Case
- Pillar (for Schrader valve assembly)
- Seal Part (for valve assembly)
- Extension Hose
- Splash-proof Pouch



All items included in the CYCPLUS Tiny Pump AS2 package.

4. SETUP AND VALVE COMPATIBILITY

The CYCPLUS Tiny Pump AS2 is compatible with both Presta and Schrader valves. The inflator is ready for Presta valves right out of the box. For Schrader valves, a simple reassembly of the internal components is required.

4.1. Identifying Valve Types

Presta Valve: Thinner, with a small nut at the top that needs to be loosened before inflation.

Schrader Valve: Wider, similar to car tire valves, with a pin in the center.



Visual guide for Presta and Schrader valve types and pump assembly.

4.2. Assembling for Schrader Valve

To use the pump with a Schrader valve, you need to install the included pillar and seal part. Follow these steps:

1. Remove the nozzle cap from the inflator.
2. Insert the pillar into the nozzle opening.
3. Place the seal part with the big hole facing inwards onto the pillar.
4. Reattach the nozzle cap, ensuring it is securely fastened.

For a visual demonstration of valve assembly and usage, please refer to the official usage guidance video below:

Official usage guidance video for the CYCPLUS Tiny Pump AS2, demonstrating valve assembly and inflation.

5. OPERATING INSTRUCTIONS

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

5.1. Inflation Process

1. Ensure the pump is adequately charged (refer to battery indicator below).
2. For Presta valves, loosen the nut at the top of the valve stem. For Schrader valves, ensure the pump is correctly assembled.
3. Firmly connect the pump's nozzle to the tire valve.
4. Double-click the power button to start the inflation. The pump will begin to inflate the tire.
5. Monitor the tire pressure manually by feel, as this model does not have a pressure display.
6. Once the desired pressure is reached, single-click the power button to stop the inflation.
7. Carefully disconnect the pump from the tire valve. For Presta valves, tighten the nut.

Note: Always start the pump before connecting it to the nozzle if the tire is completely flat (non-flat tire start before connecting to the nozzle).

5.2. Battery Indicator

The pump features a simple LED battery indicator:

- **Green Light:** 80%-100% charge
- **Orange Light:** 50%-80% charge

- **Red Light:** 0-50% charge (recharge soon)

PACKING LIST

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



Battery indicator guide for the CYCPLUS Tiny Pump.

6. PERFORMANCE DATA

The following table provides approximate inflation times and available uses per full charge for various tire types. These are experimental data from CYCPLUS labs and are for reference only.

Tire Type	Pressure	Inflating Time	Available Times
700*25C	0-60PSI / 4.14bar	50~60 sec	4
700*25C	0-80PSI / 5.52bar	80~90 sec	2
700*25C	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

Tire Type	Pressure	Inflating Time	Available Times
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

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.

Detailed performance data for the pump.

7. MAINTENANCE

- **Charging:** Charge the pump fully after each use or when the red battery indicator light is on. Use the provided Type-C cable. A full charge takes approximately 20 minutes.
- **Storage:** Store the pump in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** Wipe the pump with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Valve Components:** Periodically check the pillar and seal part for wear and tear, especially if you frequently switch between valve types. Replace if damaged.





8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not start	Low battery	Charge the pump fully.
Pump does not start	Not double-clicked	Ensure you double-click the power button to activate.
Slow inflation or no inflation	Improper connection to valve	Ensure the nozzle is firmly and correctly attached to the tire valve. For Presta, loosen the nut.
Slow inflation or no inflation	Incorrect valve assembly (for Schrader)	Verify the pillar and seal part are correctly installed for Schrader valves.

Problem	Possible Cause	Solution
Pump gets warm during use	Normal operation	This is normal during extended inflation. Allow the pump to cool down if it becomes excessively hot.

9. SPECIFICATIONS

Specification	Detail
Model Name	Ivp032 (Part Number: AS2)
Color	Black
Material	Aluminum
Item Weight	97 Grams
Product Dimensions (L x W x H)	1.71" x 1.1" x 2.56"
Power Source	Battery Powered
Air Flow Capacity	5 LPM
Maximum Pressure	100 PSI
Operation Mode	Automatic
Battery	7.4V 300mAh (approx. 20 min full charge)
Charging Port	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	 87g	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

Comparison of CYCPLUS Tiny E-pump AS2 series models.

10. WARRANTY AND SUPPORT

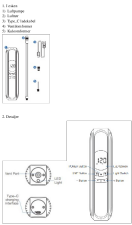




All CYCPLUS products come with a two-year warranty. If you encounter any issues while using the product within this period, please contact customer service for repair or replacement.

For further assistance, please visit the official CYCPLUS store or contact their customer service directly.

- **Warranty Period:** Two years from the date of purchase.

- **Contact:** Refer to your product packaging or the official CYCPLUS website for the most up-to-date contact information.

Related Documents - AS2

	<p>Cycplus A10 Portable Air Pump User Manual and Specifications</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>CYCPLUS AS2 Pro Bicycle Tire Inflator User Manual</p> <p>Comprehensive user manual for the CYCPLUS AS2 Pro Bicycle Tire Inflator, covering setup, operation, specifications, and maintenance. Learn how to inflate bicycle tires efficiently and safely.</p>
	<p>Cycplus AS2 Pro Electric Mini Pump User Manual</p> <p>User manual for the Cycplus AS2 Pro electric mini pump, detailing its features, usage instructions, and important safety information.</p>
	<p>CYCPLUS AS2 Pro Bicycle Pump User Manual</p> <p>Comprehensive user manual for the CYCPLUS AS2 Pro bicycle pump, covering setup, operation, charging, specifications, safety warnings, and conformity information.</p>
	<p>Cycplus AS2 Mini Electric Pump - User Manual and Specifications</p> <p>Comprehensive user manual and technical specifications for the Cycplus AS2 mini electric pump. Learn about its features, operation, charging, maintenance, and safety guidelines.</p>

CYCPLUS
AS2 Pro
Bicycle Tire Inflator



User manual	[01 - 04]
用戶手冊	[05 - 08]
Benutzerhandbuch	[09 - 12]
Manuel de l'utilisateur	[13 - 16]
Manual de usuario	[17 - 20]
Manuale d'uso	[21 - 24]
取扱説明書	[25 - 28]

After-sales email: steven@cygplus.com

[CYCPLUS AS2 Pro Bicycle Tire Inflator User Manual](#)

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.