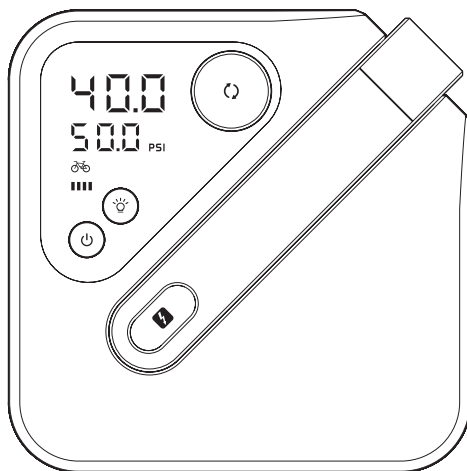




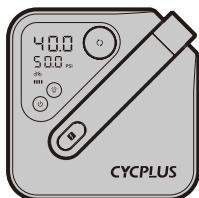
AIR TRONIC MAX

Elektrische Akkupumpe /

Electric battery pump



1 Packing List



Inflator AL7



S Air Hose + Schrader Valve



T T-hose



P Presta Valve



B Ball Needle



A Balloon Nozzle

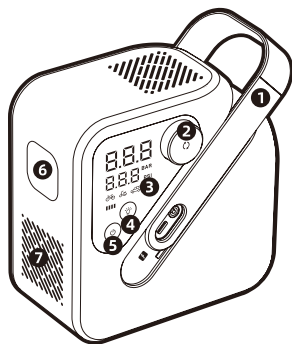


Type-C Charging Cable

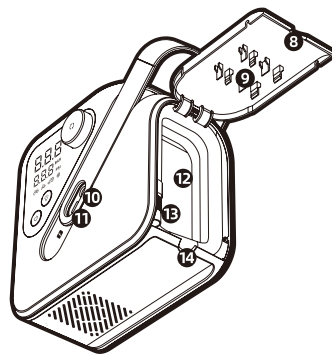


User Manual

2 Product Details



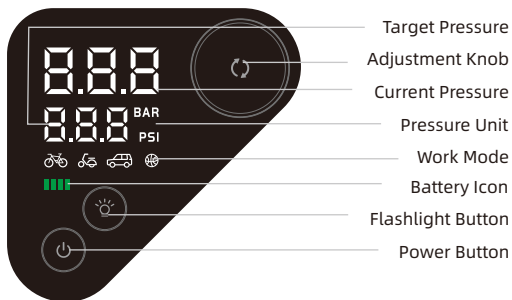
- 1** Retractable Handle
- 2** Adjustment Knob
- 3** Screen
- 4** Flashlight Button
- 5** Power Button
- 6** Illumination Light
- 7** Heat Dissipation Holes



- 8** Storage Compartment Cover
- 9** Accessory Fixing Clips
- 10** 12V DC Input Port
- 11** Type-C Charging Port
- 12** Storage Vompartment
- 13** Air Hose + Schrader Valve
- 14** Air Hose Outlet

3 Screen and Buttons

Button	Operate	Function
	Short press	Start/stop inflating
	Long press	Turn on/off power
	Short press	Adjust brightness
	Long press	Turn on/off the light
	Short press	Change work mode
	Long press	Change unit
	Rotate clockwise	Increase pressure
	Rotate counterclockwise	Reduce pressure



4 Usage

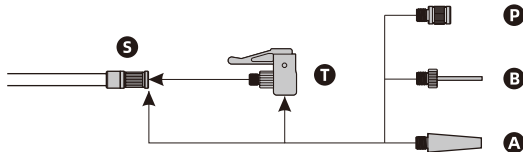
4.1 Install:

Open the storage compartment cover and remove the air hose along with the included accessories.

All included nozzle accessories [T P B A] can be directly attached to the Schrader Valve [S] on the air hose.

Three of the nozzles [P B A] can also be installed onto the T-hose [T].

The Air Hose and Schrader Valve [S] are built-in components of the device and cannot be detached. Do not attempt to remove them.



4.2 Connecting the product to be inflated:

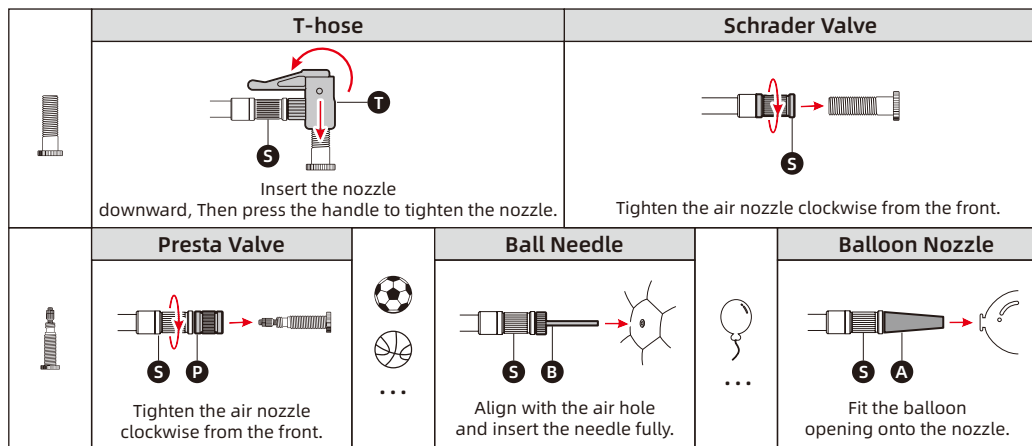
Car, mountain bike, and motorcycle tires typically use the Schrader Valve [S] or the T-hose [T].

Road bike tires usually require the Presta Valve [P].

Sports balls like basketballs and soccer balls generally use the Ball Needle [B].

Inflatables such as balloons commonly use the Balloon Nozzle [A].

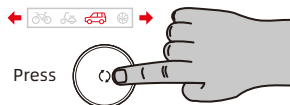
You can select the appropriate nozzle based on your needs. Please refer to the diagram below for detailed connection instructions.



Long Press 

4.3 Power On:

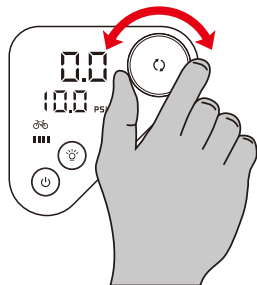
Long press the [Power Button] until the screen lights up to turn on the device.



4.4 Choose Mode:

Press the [Adjustment Knob] to switch between 4 modes of use: Bicycle, Motorcycle, Car, and Ball.

The inflator remembers your last-used setting in each mode.



4.5 Set Target Pressure:

Long press the [Adjustment Knob] to select PSI or BAR as the pressure unit. Rotate the [Adjustment Knob] clockwise or counterclockwise to adjust the target pressure.

Rapid rotation of the knob will make larger adjustments, while slow rotation allows for precise adjustments.

The system will automatically save the setting.

For target pressures above 60 PSI / 4 bar, adjustments are accurate to 1 PSI / 0.1 bar.

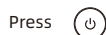
For target pressures below 60 PSI / 4 bar, adjustments are accurate to 0.5 PSI / 0.05 bar.

Icon	Mode	Default Value	Pressure range
	Bicycle	45 PSI	3-100 PSI
	Motorcycle	30 PSI	3-36 PSI
	Car	35 PSI	3-36 PSI
	Basketball	8 PSI	3-30 PSI



Warning: Please select the appropriate pressure based on the inflatable product; incorrect pressure settings may result in improper functioning or damage to the product!

4.6 Inflation:



Short press the [Power Button] to start inflating. During inflation, press the button again to pause/resume the process.
The pump will automatically stop when the target pressure is reached.

4.7 Power off:



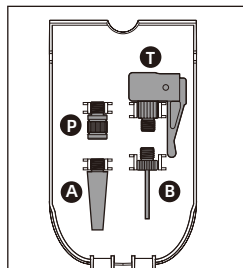
Long press [Power Button] to turn off. Or it will shut down automatically after 1 minute of inactivity.

4.8 Lighting:



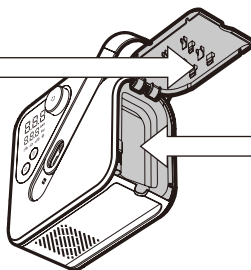
Long press the [Light Button], whether the device is on or off, to activate or deactivate the light. After activating the light, short presses of the [Light Button] allow brightness adjustment with three available levels: high, medium, and low.

Storage
Compartment Cover

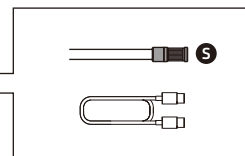


4.9 Storage:

To ensure easy retrieval, store all accessories in the [Storage Compartment] as illustrated.



Storage Compartment



5 Recharging

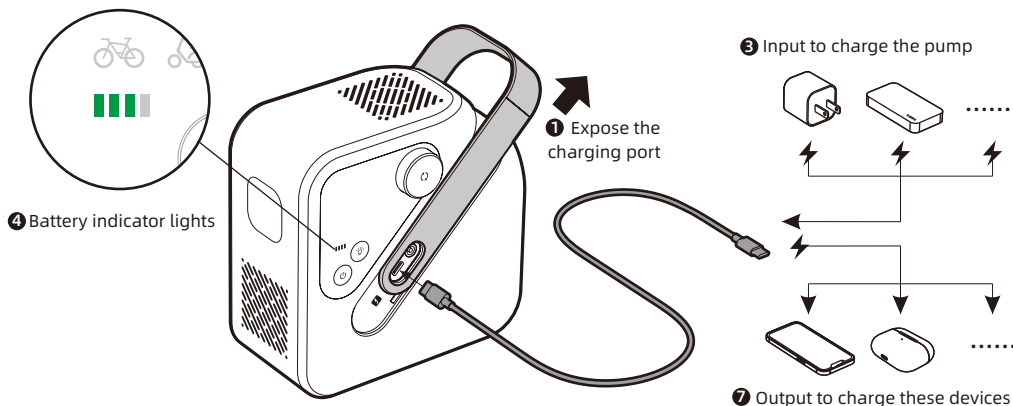
The device features an internal battery with both **Charging** and **Reverse Charging** functions:

5.1 Charging:

- ❶ Lift the handle upward to expose the charging port.
- ❷ Before first use or after long-term storage, fully charge the pump to ensure optimal performance.
- ❸ Connect the provided Type-C charging cable to the pump and a **charger rated at 5V≈2A or higher; lower power chargers may charge slowly or fail to work.**
- ❹ The battery indicator lights represent 25% charge each, flashing during charging and fully lighting up when charged.
- ❺ Do not connect two charging interfaces simultaneously; otherwise, the charging function will not work.
- ❻ Charge the pump every three months to prevent deep discharge, which can permanently damage the battery.

5.2 Reverse Charging:

- ❷ Connect one end of the provided Type-C charging cable to the pump and the other end to devices like phones or headsets. The pump will automatically detect the device and output power for reverse charging.
- ❸ The battery indicator lights will flash during the process, and will turn off once all power is depleted.
- ❹ Do not connect the DC power cable while reverse charging, as this will stop the reverse charging function.



6 Operational Power Supply

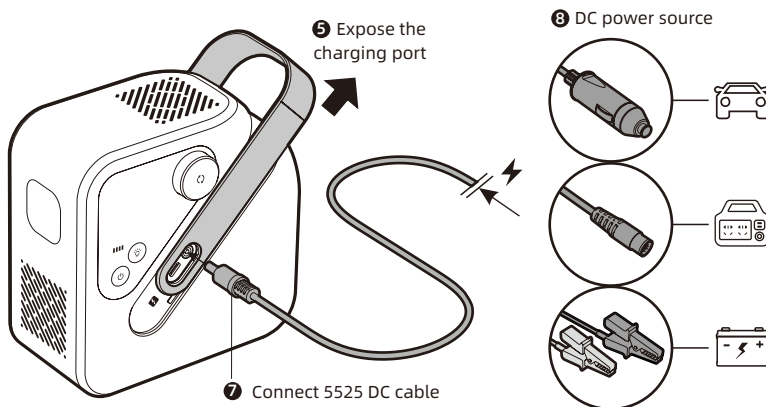
The pump has two working modes during inflation: **Battery Power** and **External DC Power**.

6.1 Battery Power:

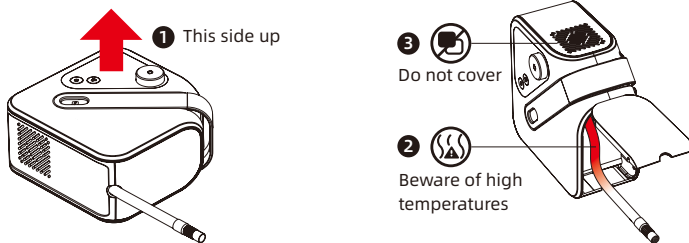
- ❶ For normal use, **rely on the pump's internal battery to ensure optimal motor performance.**
- ❷ When the battery is sufficiently charged, the pump will default to Battery Power mode without the need for an external connection.

6.2 External DC Power:

- ❸ Please prepare a DC power cable that supports the 5525 interface and a current of at least 13A (14 AWG / 1.5mm² or equivalent).
- ❹ In emergencies, you can power the pump directly using a car cigarette lighter, energy storage source, or battery.
- ❺ Lift the handle upward to expose the charging port.
- ❻ Ensure the car or other DC power source outputs between 12V and 16V with a minimum current of 10A.
- ❼ Connect the 5525 output port to the pump and the input port to the DC power source (e.g., car or energy storage device).
- ❽ **Always start the car or activate the power source before turning on the pump to avoid damage to your equipment.**
- ❾ While the pump is in operation, the charging and reverse charging functions will be temporarily disabled.



7 Precautions



- ❶ The pump will vibrate during operation. Place the unit flat with the front facing up, ensuring that the foot pads are stable on the ground for optimal performance.
- ❷ Continuous operation for over one minute may cause noticeable heating of the unit and hose, which is normal. Avoid touching high-temperature areas of the hose to prevent burns.
- ❸ Do not block the ventilation ports during operation to prevent overheating.
- ❹ Do not pull the hose or forcefully inserting/removing the valve to prevent damage to components.
- ❺ Do not excessively bend or squeeze the air hose during inflation to ensure unobstructed airflow.
- ❻ Inspect the pump before use; do not use if abnormalities are found.
- ❼ If abnormal noises or overheating occur during inflation, cease operation immediately.
- ❽ As the compressor may produce electrical sparks while operating, keep away from flammable or explosive materials.
- ❾ Do not leave the pump unattended during inflation to prevent accidents.
- ❿ Continuous inflation may lead to overheating of the pump and hose. If the temperature rises significantly, stop inflation for a period to allow the pump to cool down before resuming.
- ⓫ Protect the pump from dirt, water submersion, or heavy impacts.
- ⓬ Do not use strong chemicals, cleaners, or detergents for cleaning.
- ⓭ Do not store the pump in excessively cold, hot, or humid environments.
- ⓮ The pump is not a toy; keep it out of the reach of children.
- ⓯ Do not inflate towards or near the mouths, ears, or eyes of people or animals.

8 Manufacturer

Company: Chengdu Chendian Intelligent Technology Co., Ltd.

Address: No.88 Tianchen Road, Chengdu, Sichuan Province, China

Warranty: Free repair or replacement within 2 years for damage not caused by human factors.

Contact: steven@cycplus.com

9 Specification

Dimension	165 × 165 × 89.5 mm
Weight	1260 g
Operating Air Pressure Range	3 - 100 PSI (0.2 - 6.9 bar)
Operation Temperature	0 - 40 °C
Working Power Supply (battery)	12V $\approx$ 13A
Working Power Supply (external DC)	12 - 16V $\approx$ 9A
Minimum Working Power Supply (DC)	12V $\approx$ 10A
DC Charging Input	5V $\approx$ 3A, 9V $\approx$ 3A, 12V $\approx$ 2.5A, 15V $\approx$ 2A, 20V $\approx$ 1.5A
Type-C Charging Input	
Type-C Reverse Charging Output	
Battery Capacity	5200 mAh / 11.1V (57.72 Wh)

10 Troubleshooting

Error Display	Cause	Solution
EE2	Pump overcurrent protection.	Disconnect the air hose, and restart the pump.
EE3	Charging current too high or short circuit.	1. Reconnect the charging interface; 2. Try using a PD-compatible charger or cable.
EE4	Charging current too low.	
EE5	Charging protocol abnormal/error.	
EE6	Battery or DC power voltage too high.	Disconnect the air hose, and restart the pump.
EE7	Motor speed too high or low.	
EE8	Pressure gauge malfunction.	
CR0	Entering low pressure calibration mode.	Please contact customer service for return/exchange.
CR1	Entering high pressure calibration mode.	
H0F	Internal temperature too high.	1. Avoid using in direct sunlight and high-temperature environments; 2. Avoid prolonged continuous operation; stop for at least 10 minutes during extended inflation to allow cooling.
No battery icon	Battery voltage too low.	Battery depleted; please recharge fully before use.



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