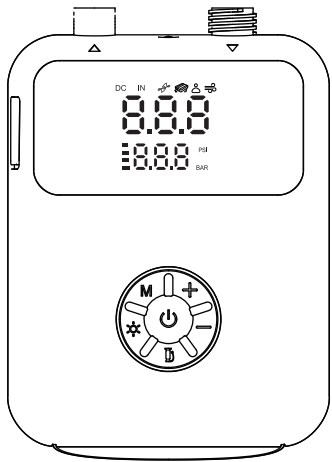
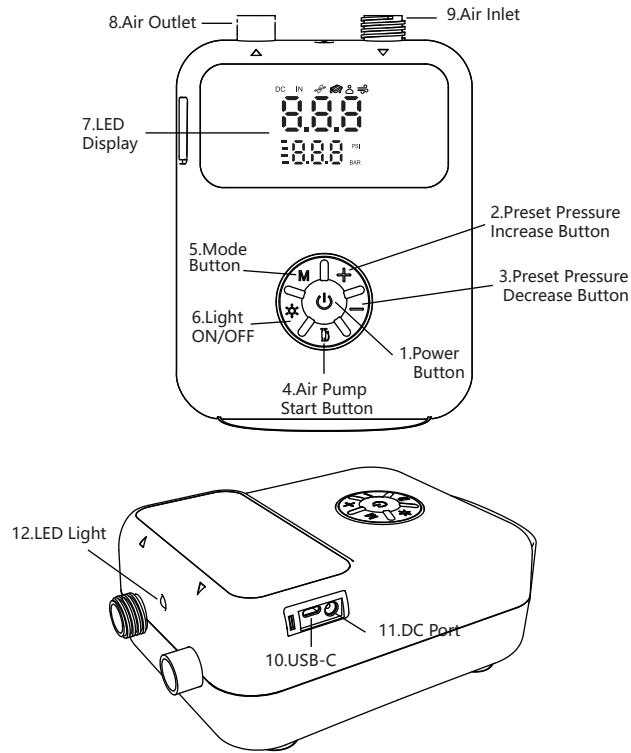


SUP AIR PUMP
PD-SP01 User Manual



Before first use, please read this manual carefully and keep it properly for future reference. It will guide you through the correct operation methods and safety precautions.

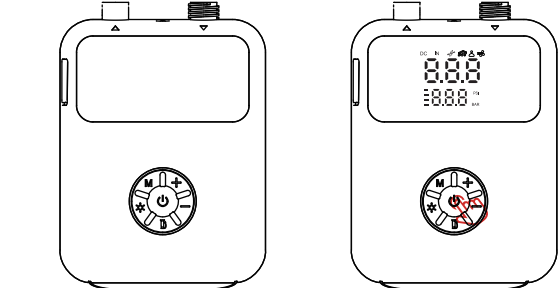
Product Overview



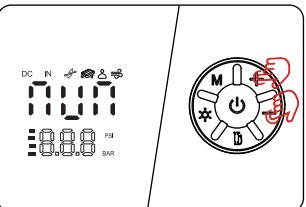
- 01 -

Quick Start Guide

Product Startup:

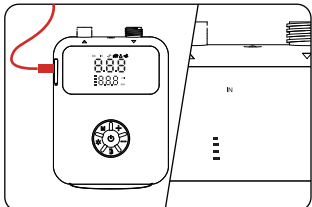


Zero Calibration for the Product Upon First Receipt:



Press and hold the "+" and "-" buttons simultaneously for 3 seconds to perform pressure zero calibration; the screen will display RUN.

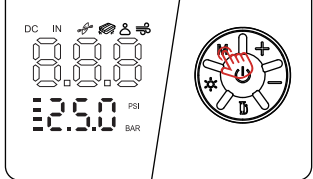
Product Charging:



Connect the USB-C cable; the screen will display the character "IN".

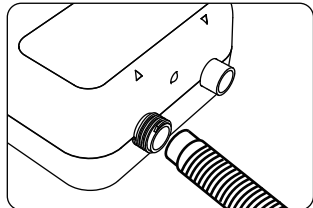
- 02 -

Mode Selection:

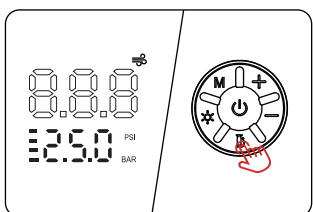


Press the M button briefly to switch modes.

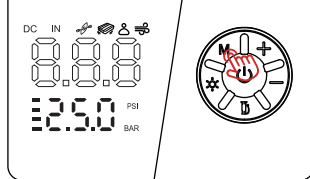
Pressure Adjustment:



Press the "+" and "-" buttons briefly to adjust the pressure level.

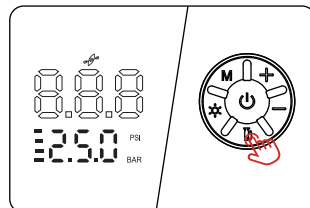


Unit Selection:



Press and hold the M button briefly to switch units.

Inflation:



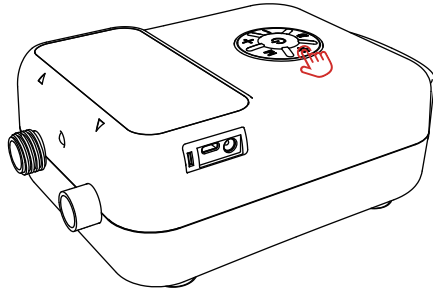
Press the "M" button briefly to switch to the SUP mode, then press the inflation button to start inflating.

Deflation:

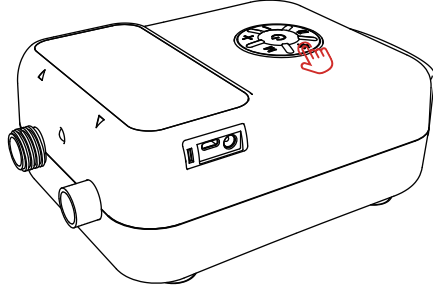
Press the "M" button briefly to switch to Blower Mode, then press the inflation button to deflate.

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Turn on the lights: Click the lighting button to turn on the lights, with the light sequence being steady light - SOS - Strobe Mode

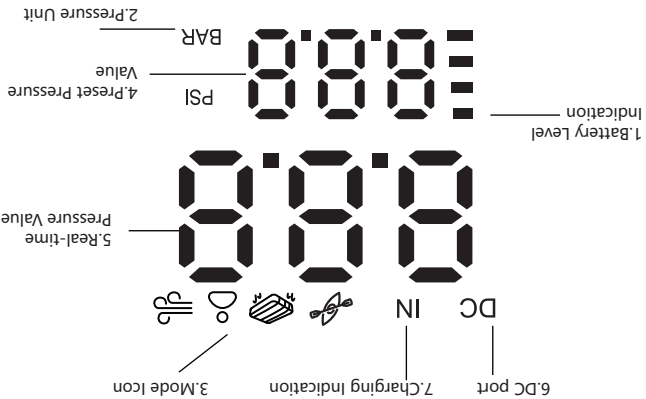


Turn off the light: Long press the light button to turn off the light



Fault Code Indication	
Type	Condition
E01	Charging Low-Temperature Stop charging and resume use after the device returns to normal temperature
E02	Charging High-Temperature Protection Stop charging and use after cooling down
E03	Discharging High-Temperature Protection Suspend use and resume operation after cooling down
E04	Discharging Low-Temperature Protection operation after returning to the appropriate temperature
E05	Abnormal Battery Temperature Stop using the device and send it back for repair

Display Code



Display Description

Technical Specifications

Technical Specifications	
Model	PD-SP01
Type-c Input	5V/2A, 9V/2A, 18W max
DC Input	< 15V
Max Air Pressure	20PSI
Inflation Speed	≈6min30s (325*81*15 SUP, 0-12psi)
Operating Temperature	-20°C-60°C
Product Weight	2.61lb
Product Dimensions	7.9*6.1*3.4in

Attachment List



Precautions

- Manual zero calibration is required after receiving the product!
- Do not immerse the product in water!
- Do not heat the product or place it near fire sources!
- Do not disassemble or modify the product without authorization!
- Do not scrub the product with abrasive chemicals such as soap or detergent!
- It is recommended to keep the battery at a certain charge level when the product is not in use for a long time, and charge the product at least once every three months!
- Slight heating of the device during use or charging is a normal phenomenon and not a malfunction!
- Do not strike the product with force!
- It is recommended to use this product at room temperature and keep it away from humidity, high temperatures and fire sources!
- Do not discard or incinerate the used power supply at will!

Frequently Asked Questions (Quick Answers)

- How to calibrate the air pressure to zero?
Answer: After turning on the main unit, do not connect it to any device. Press the "+" and "-" buttons simultaneously for 3 seconds. When "run" is displayed, the zero calibration is completed.
- When is zero calibration required?
Answer:1. Please perform zero calibration when you receive the sample for the first time.2. Please perform zero calibration when there is a seasonal change or altitude change during use.3. Please perform zero calibration if the device displays a pressure value when it is turned on without being connected to any equipment.

- 04 -

- When is zero calibration not allowed?
Answer: Do not perform zero calibration when the main unit is connected to a pressurized device.
- What should I do if the pressure does not increase during prolonged pressurization (pressure display > 0.5 PSI)?
Answer: Stop inflating, and check the corrugated pipe, the diaphragm pump, as well as the connection between the corrugated pipe and the main unit for any air leakage sound. Tighten the connections and inflate again.
- Why is the battery level display inaccurate every time a DC cable is plugged in, and how to restore the accuracy of the battery level display?
Answer: When the DC cable is plugged in, the main board is disconnected from the battery. When the DC cable is unplugged, the main board is reconnected to the battery, which causes the inaccurate battery level display. The battery level display will restore accuracy after a full charge each time.
- Why does the air pump sometimes seem unresponsive when the start button is pressed while the SUP board is under pressure?
Answer: When the SUP board is under pressure, pressing the air pump start button will trigger a 0.4-second detection process in the system to determine whether to activate the blower or the pressure pump, which causes a start-up delay. After the 0.4-second detection upon pressing the button, the air pump will start automatically.
- How many SUP boards (size: 325*81*15cm) can be fully inflated on a full charge?
Answer: A fully charged device can inflate 3 SUP boards from 0 to 15 PSI.
- How long does it take to fully charge the main unit?
Answer: It takes approximately 4-7 hours to fully charge.

- 05 -

- 06 -

- 07 -