

TOPUMP TPS300

TOPUMP TPS300 Electric Paddle Board Pump

Instruction Manual

INTRODUCTION

The TOPUMP TPS300 is a high-pressure, rechargeable electric air pump designed for efficient inflation and deflation of various inflatables, including stand-up paddle boards (SUPs), kayaks, boats, and tents. It features a dual-stage inflation system, an auto-off function, and a precise digital display for optimal performance and ease of use.



Image: The TOPUMP TPS300 electric pump shown with its various accessories, including the hose and multiple nozzles.

WHAT'S IN THE BOX

Please verify that all components are present upon unboxing:

- TOPUMP TPS300 Electric Air Pump
- Air Hose
- 7 Nozzle Fittings
- Type-C Charging Cable
- Wall Charger
- User Manual

WHAT'S IN THE BOX ?



Image: A visual representation of all items included in the TOPUMP TPS300 product package.

KEY FEATURES

- **Powerful Dual-Stage Inflation:** The first stage provides maximum speed at 430 L/min, while the second stage delivers maximum pressure at 120 L/min. This allows for rapid inflation, such as a 320 cm SUP to 15 PSI in 5 minutes or 20 PSI in 7 minutes.
- **Smart Inflate Function & Auto Shut-Off:** Set your desired pressure up to 20 PSI. The pump will automatically stop once the target pressure is reached, preventing over-inflation.
- **Deflation Function:** Easily deflate your inflatables for compact storage and transport.
- **Precise Digital Display & Cooling System:** An LED digital display shows real-time pressure and allows for monitoring. The digital differential barometer ensures an accuracy of ± 0.2 PSI. An integrated cooling system prevents overheating during continuous operation.
- **Type-C Input & Fast Charging:** Supports Type-C for quick recharging. A full charge takes approximately 2.5 hours.
- **Versatile Nozzle Set:** Includes 7 nozzle fittings to accommodate a wide range of high-pressure inflatables.

SETUP

1. **Charge the Pump:** Before first use, fully charge the pump using the provided Type-C cable and wall charger. The LED display will indicate charging status.
2. **Attach the Air Hose:** Connect one end of the air hose to the 'INFLATE' port on the pump by twisting it clockwise until secure. For deflation, connect to the 'DEFLATE' port.
3. **Select and Attach Nozzle:** Choose the appropriate nozzle fitting for your inflatable's valve. Attach it firmly to the other end of the air hose.
4. **Connect to Inflatable:** Insert the nozzle into the valve of your inflatable. Ensure a snug fit to prevent air leakage.

OPERATING INSTRUCTIONS

Power On/Off

- **To Power On:** Press the power button () once. The digital display will illuminate.
- **To Power Off:** Press and hold the power button () for a few seconds until the display turns off. The pump will also auto-shut off after a period of inactivity.

Setting Desired Pressure (PSI)

- After powering on, use the '+' and '-' buttons to adjust the target pressure. The display shows the current setting.
- The maximum pressure is 20 PSI. Refer to your inflatable's recommended pressure.
- Long press the 'Unit Switch' button (S) to switch between LOW, HIGH, and AUTO modes, which correspond to different inflation speeds and pressure stages.

Inflation Process

1. Ensure the hose is connected to the 'INFLATE' port and the correct nozzle is attached to your inflatable.
2. Set the desired pressure using the '+' and '-' buttons.
3. Press the start button (usually the power button or a dedicated start button, refer to pump interface) to begin inflation.
4. The pump will automatically switch from the high-speed first stage to the high-pressure second stage as the inflatable fills.
5. The pump will automatically shut off once the set pressure is reached.

TWO-STAGE INFLATION, FASTER THAN EVER

5 MIN to 15 PSI

7 MIN to 20 PSI



Image: Diagram illustrating the dual-stage inflation process, showing initial high volume and subsequent high pressure stages.

Deflation Process

1. Disconnect the hose from the 'INFLATE' port and connect it to the 'DEFLATE' port on the pump.
2. Attach the appropriate nozzle to your inflatable's valve.
3. Press the start button to begin deflation. The pump will actively extract air from the inflatable.
4. Monitor the deflation process and turn off the pump once the inflatable is sufficiently deflated for packing.

2 in 1 INFLATION AND DEFLATION

Inflation



Deflation



Image: Comparison of the pump connected for inflation and deflation, demonstrating its dual functionality.

CHARGING

The TOPUMP TPS300 features a built-in rechargeable battery. To charge:

- Connect the provided Type-C charging cable to the pump's charging port.
- Plug the other end of the cable into the wall charger and then into a standard electrical outlet.
- A full charge typically takes 2.5 hours. The battery indicator on the digital display will show the charging progress.
- The pump can inflate multiple paddle boards on a single charge (e.g., up to 7 SUPs at 12 PSI / 10.6 ft).

What 's In The Box ?

Air nozzles
Air hose
Air pump
Charger
Type-C charging cable
User manual



Image: The TOPUMP TPS300 connected to a wall outlet via its Type-C charging cable.

NOZZLE COMPATIBILITY

The TOPUMP TPS300 comes with 7 nozzle fittings to ensure compatibility with a wide range of inflatables:

- Stand Up Paddle Boards (SUPs)
- Inflatable Kayaks
- Inflatable Boats
- Inflatable Tents
- Inflatable Beds/Mattresses
- Swim Rings and other recreational inflatables

VERSATILE USE



Image: Examples of different inflatables that can be used with the TOPUMP TPS300, highlighting its versatile nozzle set.

MAINTENANCE

- **Cleaning:** Wipe the pump exterior with a soft, dry cloth. Do not use harsh chemicals or immerse the unit in water.
- **Storage:** Store the pump and accessories in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the hose and nozzles are clean and dry before storage.
- **Battery Care:** For optimal battery life, charge the pump fully before long-term storage and recharge every 3-6 months if not in use.

- **Cooling System:** The pump has a built-in cooling system. Ensure the air vents are not obstructed during operation to maintain proper airflow and prevent overheating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not turn on	Low battery; Power button not pressed correctly	Charge the pump; Press and hold the power button for 2-3 seconds
Slow inflation or no inflation	Hose/nozzle not securely attached; Inflatable valve is leaking	Ensure all connections are tight; Check inflatable valve for proper sealing
Pump overheats and shuts off	Continuous operation for too long; Obstructed air vents	Allow the pump to cool down; Ensure air vents are clear
Inaccurate pressure reading	Sensor issue; Extreme temperature changes	Ensure pump is used within recommended temperature range; Contact support if issue persists

SPECIFICATIONS

Feature	Detail
Model Name	TPS300
Brand	TOPUMP
Color	Blue
Material	Plastic
Item Weight	4.41 Pounds
Product Dimensions	12.13"L x 7.87"W x 5.63"H
Power Source	Battery Powered
Air Flow Capacity (1st Stage)	430 Liters Per Minute
Air Flow Capacity (2nd Stage)	120 Liters Per Minute
Maximum Pressure	20 PSI

Feature	Detail
Operation Mode	Automatic
Battery Type	Lithium-ion Polymer (LiPo)

WARRANTY AND SUPPORT

All TOPUMP products are guaranteed for two years from the date of purchase. If you encounter any issues with your TOPUMP TPS300 Electric Paddle Board Pump during this period, please contact our customer service team.

Our 24/7 customer service team is available to assist you with any problems or questions you may have.

Contact Information: Please refer to the contact details provided in your product packaging or on the official TOPUMP website for the most up-to-date support information.