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› TOPUMP TPS300 Rechargeable SUP Air Pump User Manual

TOPUMP TPS300

TOPUMP TPS300 Rechargeable SUP Air Pump User Manual

This manual provides detailed instructions for the safe and efficient operation and maintenance of your TOPUMP TPS300 Rechargeable SUP Air Pump. Please read thoroughly before use.

1. PRODUCT OVERVIEW

The TOPUMP TPS300 is a portable, rechargeable electric air pump designed for inflating and deflating various high-pressure inflatables, including Stand-Up Paddleboards (SUPs), inflatable tents, boats, and kayaks. It features a 7800mAh battery, dual-stage inflation, and an automatic shut-off function for precise pressure control.



Image 1: The TOPUMP TPS300 pump shown with its included air hose and a selection of interchangeable nozzles.

2. PACKAGE CONTENTS

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

- TOPUMP TPS300 Air Pump
- Air Hose
- Type-C Charging Cable
- Wall Charger
- 12V DC Car Connector
- Nozzle Set (7 types)
- O-rings
- User Manual



Image 2: An illustration detailing the contents of the TOPUMP TPS300 product box, including the pump, hose, charging accessories, and nozzle adapters.

3. CHARGING THE PUMP

Before initial use, ensure the pump is fully charged. A full charge typically takes approximately 2.5 hours.

1. Connect the provided Type-C charging cable to the pump's charging port.
2. Connect the other end of the Type-C cable to the wall charger or use the 12V DC car connector for charging in a vehicle.
3. The display will indicate charging status. The pump is fully charged when the battery indicator shows full.



Image 3: Visual guide for charging the pump using either the 12V DC car connector or the Type-C wall charger.

4. SETUP AND NOZZLE SELECTION

The TOPUMP TPS300 includes a comprehensive set of nozzles to accommodate various inflatable valves. Choose the correct nozzle for your specific inflatable item.

- **H3/HR Valve:** Commonly used for Stand-Up Paddleboards (SUPs) and kayaks.
- **Pinch Valve:** Suitable for smaller inflatables like swim rings.
- **Boston Valve:** Often found on inflatable boats and some air mattresses.
- **Decathlon Self-inflating Mattress Valve:** Specific adapter for Decathlon brand mattresses.
- **Surfing Kite Valve:** For inflatable kites used in watersports.
- **C7/D7 Valve:** Another common valve type for various inflatables.
- **Other Adapters:** Additional adapters for general use, including ball needles.

Securely attach the selected nozzle to the air hose, then connect the hose to the pump's inflation port.



Image 4: A visual guide to the seven types of gas nozzles provided, indicating their compatibility with different inflatable items.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off

- To power on, press and hold the power button until the display illuminates.
- To power off, press and hold the power button again until the display turns off.

5.2. Setting Target Pressure

1. With the pump powered on, use the '+' and '-' buttons to adjust the desired target pressure (PSI or BAR).
2. Ensure the unit (PSI/BAR) matches the requirement of your inflatable.

5.3. Inflation Process

The TPS300 features a dual-stage inflation system for efficiency and an automatic shut-off for safety.

1. Connect the air hose with the appropriate nozzle to your inflatable's valve.
2. Connect the other end of the air hose to the pump's inflation port.
3. Set your desired target pressure using the '+' and '-' buttons.
4. Press the start button to begin inflation.
5. The pump will operate in its first stage (high volume, low pressure) until a certain pressure is reached, then automatically switch to the second stage (low volume, high pressure) to achieve the target PSI.
6. The pump will automatically shut off once the target pressure is reached.



Image 5: The pump in action, inflating a paddleboard, demonstrating its speed to reach 15 PSI and 18 PSI.

5.4. Deflation Process

The pump can also be used to quickly deflate inflatables for easier packing and storage.

1. Connect the air hose with the appropriate nozzle to your inflatable's valve.
2. Connect the other end of the air hose to the pump's **deflation** port.
3. Press the start button to begin deflation. The pump will extract air from the inflatable.
4. Once deflation is complete, turn off the pump and disconnect the hose.

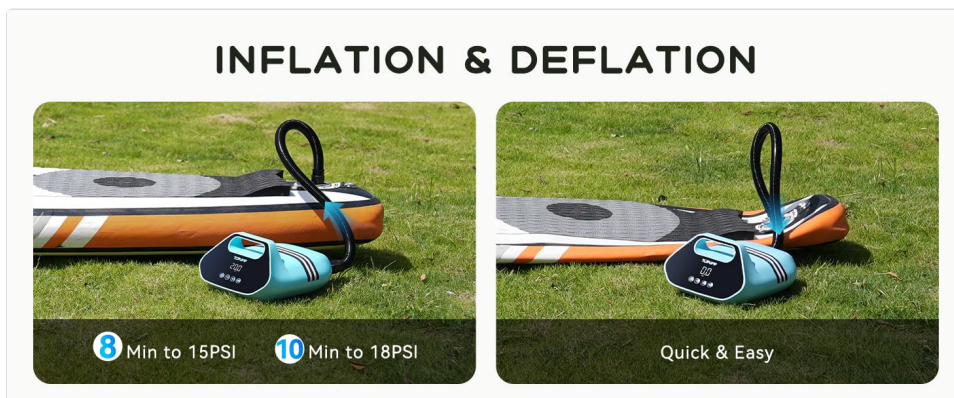


Image 6: A visual comparison of the inflation and deflation hose connections and processes on a paddleboard.

6. MAINTENANCE

6.1. Cleaning

- Wipe the exterior of the pump with a soft, damp cloth.
- Do not use abrasive cleaners or immerse the pump in water.
- Ensure all ports are free from dust and debris.

6.2. Storage

- Store the pump in a cool, dry place away from direct sunlight and extreme temperatures.
- For optimal battery longevity, it is recommended to keep the battery charged to at least 2 bars and recharge it after each use, especially before long periods of storage. Avoid leaving the battery fully discharged.

7. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Issue	Possible Cause	Solution
Pump not turning on or charging.	Battery fully discharged; faulty charging cable/adapter.	Ensure the pump is connected to a working power source. Try a different Type-C cable or charger. If the battery was completely drained, it may require a longer initial charge.
Pump not switching to high-pressure (second) stage during inflation.	Loose valve attachment; insufficient back pressure from inflatable.	Ensure all hose connections and nozzle attachments are secure and tight. For some inflatables, applying slight pressure (e.g., stepping on the board) may help initiate the second stage.
Error Code EE4 displayed.	Indicates a battery-related issue, often due to deep discharge.	If possible, run the pump until the battery is completely depleted. Then, attempt to fully recharge the pump. To prevent this, avoid letting the battery drop below 2 bars of charge.
Inaccurate pressure reading.	Incorrect pressure unit selected (PSI vs. BAR).	Verify that the pump is set to the correct pressure unit (PSI or BAR) for your inflatable. Adjust as needed.

8. SPECIFICATIONS

Technical details for the TOPUMP TPS300 Rechargeable SUP Air Pump:

Feature	Detail
Model Name	TPS300
Brand	TOPUMP
Battery Capacity	7800mAh
Maximum Pressure	20 PSI
Air Flow Capacity (1st Stage)	350 Liters Per Minute
Air Flow Capacity (2nd Stage)	85 Liters Per Minute
Power Source	Battery Powered (AC/DC charging)
Operation Mode	Automatic (Dual Stage, Auto-Off)
Material	Plastic
Item Weight	2 Kilograms
Product Dimensions (LxWxH)	12.13" x 7.87" x 5.63"
Included Components	AC Charging Cable, Nozzle Set, O-rings, Air Pump, User Manual

9. WARRANTY AND SUPPORT

The TOPUMP TPS300 Rechargeable SUP Air Pump is covered by a one-year warranty from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its specified performance.

For technical support, warranty claims, or any other inquiries, please contact TOPUMP customer service:

- **Email:** topump@topump.net

Our dedicated customer service team is available to assist you with any concerns.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question