

## OutdoorMaster Dolphin

# OutdoorMaster Dolphin 20PSI High Pressure Electric SUP Pump Instruction Manual

Model: Dolphin (803835)

## INTRODUCTION

Thank you for choosing the OutdoorMaster Dolphin 20PSI High Pressure Electric SUP Pump. This portable and efficient air pump is designed to quickly inflate your stand-up paddle boards, kayaks, boats, and other inflatables with ease. Featuring an auto-off function and a digital display for real-time pressure monitoring, this pump simplifies your setup process, allowing you more time to enjoy your outdoor activities. Please read this manual thoroughly before use to ensure proper operation and safety.

## SAFETY INFORMATION

- Always ensure the pump is connected to a 12V DC car connector with the vehicle engine running to prevent draining the car battery.
- Do not operate the pump continuously for more than 45 minutes. Allow the unit to cool down for at least 30 minutes after each continuous use to prevent overheating.
- Operate the pump in a shaded area whenever possible to minimize heat buildup.
- This electric pump is designed for inflation only and does not have a deflation function.
- Keep the pump away from water and moisture.
- Ensure all connections are secure before starting inflation to prevent air leaks and ensure efficient operation.
- Do not exceed the recommended PSI for your inflatable item to avoid damage.
- Keep out of reach of children.

## PACKAGE CONTENTS

Verify that all items are present in your package:

- OutdoorMaster Dolphin Electric SUP Pump Unit
- High-Pressure Hose
- 12V DC Car Connector Cable (with 12A fuse)

- 7 Universal Nozzle Attachments
- User Manual
- Carry Bag



Image: The OutdoorMaster Dolphin Electric SUP Pump, its hose, 12V car connector, and a selection of nozzle attachments.

FAULT CODE DESCRIPTION		
CAUSE	CAUSE	SOLUTION
PPP	Pressure does not rise	Check for air leaks
U-L	Low-pressure protection	When the voltage is $\geq 10V$ , the code will be cleared
U-H	High-pressure protection	When the voltage is $\leq 17V$ , the code will be cleared
HOT(7)	Overheating	Cooling required
E5	Battery overheating	Cooling required
E6	Overcurrent protection	Check if the motor is obstructed by foreign objects
E8	Sensor failure	Contact the local agent for repair

Image: A visual representation of all components included in the OutdoorMaster Dolphin Electric SUP Pump package.

### PRODUCT FEATURES

- **Portable & Lightweight:** Weighing approximately 0.9kg, the Dolphin pump is easy to carry and store.
- **High Pressure Inflation:** Achieves up to 20 PSI with a speed of 40L/min, capable of inflating a 260L paddle board to 15 PSI in about 10 minutes.

- **Auto-Off Function:** Automatically stops when the preset pressure is reached, preventing over-inflation and damage to your inflatables.
- **Digital Display:** Provides real-time pressure monitoring and allows for precise pressure setting.
- **12V DC Car Connector:** Powered directly from your car's 12V DC outlet, featuring a 12A fuse for safety.
- **Versatile Nozzles:** Includes 7 different nozzles to fit a wide range of inflatables, such as SUPs, air beds, kayaks, boats, and more.
- **Inflation Only:** This pump is designed exclusively for inflation and does not support deflation.

# UP TO 3 SUP BOARDS IN A ROW

45MIN CONTINUOUS WORKING TIME



Image: The Dolphin pump demonstrating its capability to inflate multiple SUPs consecutively.



**COMPACT  
PORTABLE SIZE**

 <85 dB



Image: The compact design of the Dolphin pump, making it easy to transport.



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Image: The diverse range of 7 nozzle attachments provided for broad compatibility.

## SETUP

1. **Connect Power:** Plug the 12V DC car connector into your vehicle's cigarette lighter socket. Ensure your car engine is running to provide stable power and prevent battery drain.
2. **Attach Hose:** Connect one end of the high-pressure hose to the 'INFLATE' port on the pump unit. Twist to secure.
3. **Select Nozzle:** Choose the appropriate nozzle attachment for your inflatable item from the provided set.
4. **Attach Nozzle to Inflatable:** Securely attach the selected nozzle to the valve of your inflatable. For SUPs, ensure the valve is in the 'up' position to allow air in.

# UP TO 20PSI

ENSURE THE AIR NOZZLE IS SEALED  
TARGET PRESSURE PROGRAMMABLE



Image: Connecting the pump to a 12V DC car power source.

## OPERATING INSTRUCTIONS

1. **Power On:** Once connected, the digital display on the pump will illuminate.
2. **Set Desired Pressure:** Use the '+' and '-' buttons to adjust the target pressure (PSI or BAR) according to your inflatable's specifications. The digital display will show your setting.
3. **Start Inflation:** Press the power button to begin the inflation process. The pump will start in a high-volume, low-pressure stage, then switch to a high-pressure stage as the inflatable takes shape.
4. **Monitor Progress:** The digital display will show the real-time pressure as the item inflates.
5. **Auto-Off:** The pump will automatically shut off once the preset pressure is reached.
6. **Disconnect:** Once inflation is complete, disconnect the hose from the inflatable and the pump, then unplug

the 12V DC connector from your car.

# REAL-TIME PRESSURE DISPLAY

**AUTO OFF** 

Hassle Free Operation



Image: Setting the desired pressure and monitoring inflation on the digital display.

# HANDS **FREE** IN HEATING SUMMER



Image: The convenience of hands-free inflation with the auto-off feature.

Video: An official demonstration of the OutdoorMaster 20PSI Electric Paddle Board Pump, highlighting its features and ease of use.

## MAINTENANCE

- Clean the pump exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the air intake and exhaust vents are clear of debris to maintain optimal performance and prevent overheating.
- Store the pump and its accessories in the provided carry bag in a cool, dry place away from direct sunlight.
- Regularly check the 12V DC car connector cable for any signs of damage.

## TROUBLESHOOTING

Refer to the following table for common issues and their solutions:

Fault Code	Cause	Solution
PPP	Pressure does not rise	Check for air leaks in connections or inflatable.
U-L	Low-pressure protection	Ensure input voltage is $\geq 10V$ . The code will clear automatically.
U-H	High-pressure protection	Ensure input voltage is $\leq 17V$ . The code will clear automatically.
HOT(7)	Overheating	Cooling required. Allow pump to rest for 30 minutes.
E5	Battery overheating	Cooling required. Allow pump to rest for 30 minutes.
E6	Overcurrent protection	Check if the motor is obstructed by foreign objects.
E8	Sensor failure	Contact the local agent for repair.

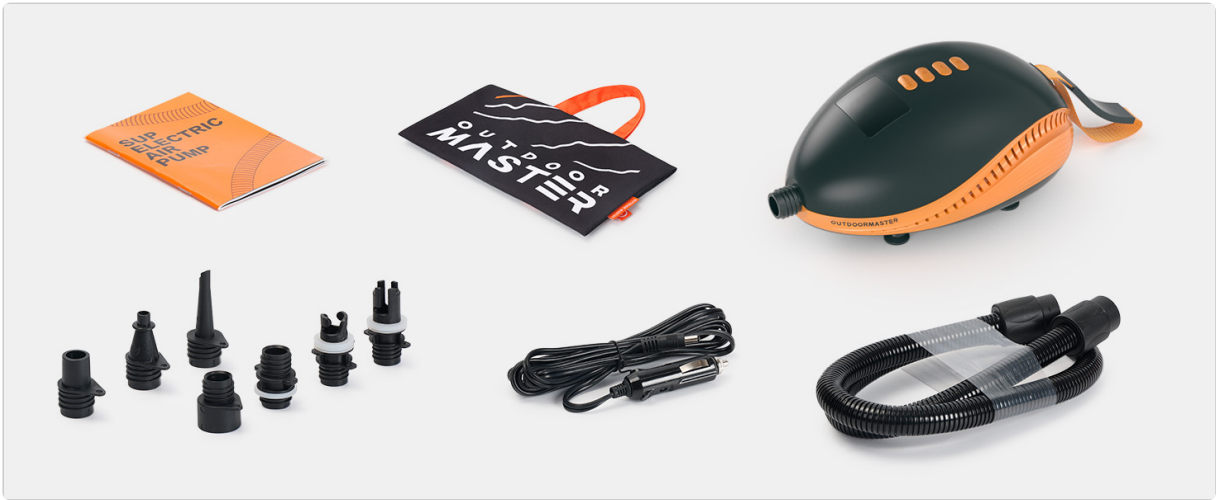


Image: Fault Code Description table for quick troubleshooting.

## SPECIFICATIONS

- **Brand:** OutdoorMaster
- **Model Name:** Dolphin
- **Part Number:** 803835
- **Color:** Black & Orange
- **Material:** Acrylonitrile Butadiene Styrene
- **Item Weight:** 2.9 Pounds (approx. 1.3 kg)
- **Power Source:** Corded Electric (12V DC Car Connector)
- **Air Flow Capacity:** 40 Liters Per Minute
- **Maximum Pressure:** 20 PSI
- **Operation Mode:** Automatic
- **Hose Length:** 4.5 Feet (approx. 1.37 meters)
- **Item Dimensions (LxWxH):** 10.23 x 6.69 x 6.57 inches (approx. 26 x 17 x 16.7 cm)
- **UPC:** 732133115657
- **Country of Origin:** China

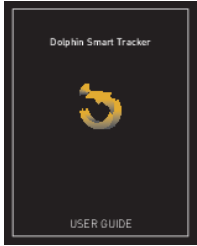
## WARRANTY AND SUPPORT

The OutdoorMaster Dolphin Electric SUP Pump comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For warranty claims, technical support, or any questions regarding your product, please contact OutdoorMaster customer service through their official website or the retailer where the product was purchased. Please have your proof of purchase and model information (Dolphin, Part Number 803835) ready when contacting support.

## Related Documents - Dolphin

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[Dolphin Smart Tracker User Guide: Setup, Features, FAQ & Specifications](#)

Comprehensive user guide for the Dolphin Smart Tracker. Learn how to set up, pair, use features like Find My Phone, Separation Alarm, and troubleshoot common issues. Includes technical specifications and safety information.



[OutdoorMaster OM-BT01 Wireless Bluetooth Ski Headphones User Manual](#)

User manual for the OutdoorMaster OM-BT01 Wireless Bluetooth Ski Headphones, covering setup, operation, technical specifications, safety warnings, and warranty information.