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> dwndpump D16PRO Electric SUP Pump 20PSI - Portable Rechargeable Air Compressor User Manual

dwndpump D16PRO

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Portable Rechargeable Air Compressor User Manual

1. SAFETY INFORMATION

Please read all safety instructions carefully before operating the dwndpump D16PRO electric pump. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Keep away from water:** Do not immerse the pump in water or operate it in wet conditions.
- **Children and pets:** Keep the pump out of reach of children and pets.
- **Proper voltage:** Only use the provided Type-C cable for charging. Do not attempt to charge with 12V DC car chargers.
- **Over-inflation:** Do not exceed the recommended pressure for your inflatable item. The pump features an automatic shut-off at the set pressure.
- **Overheating:** The pump has an independent cooling system. If the pump feels excessively hot, discontinue use and allow it to cool down.
- **Storage:** Store the pump in a cool, dry place when not in use.

2. PRODUCT OVERVIEW

The dwndpump D16PRO is a compact and powerful electric air pump designed for quick and efficient inflation of various inflatable items, including Stand-Up Paddleboards (SUPs), kayaks, and wind wings. It features a rechargeable battery, digital LED display, and multiple valve adapters for versatile use.

Package Contents

Verify that all components are present in your package:

- dwndpump D16PRO Electric SUP Pump (x1)
- Flexible Hose (3.28 feet / 100 cm) (x1)
- Type-C Charging Cable (x1)
- Valve Adapters (x3)

- User Manual (x1)



Image: The dwndump D16PRO electric pump shown with its flexible hose, Type-C charging cable, and three valve adapters.

Key Features

- **High Pressure:** Up to 20 PSI for rigid inflatables.
- **Fast Inflation:** Dual-stage inflation system inflates a SUP from 10.5 to 15 PSI in approximately 7 minutes.
- **Rechargeable Battery:** Built-in 4 x 2600 mAh batteries for cordless operation.
- **Digital Display:** LED screen shows real-time pressure.
- **Automatic Shut-off:** Stops automatically when target pressure is reached.
- **Portable Design:** Lightweight (1.14 kg) with a convenient handle.
- **Versatile Adapters:** Includes 3 valve adapters for various inflatables.
- **Cooling System:** Active cooling prevents overheating during continuous use.



Image: The dwndpump D16PRO electric pump held in a hand, illustrating its small and portable size (1.14 kg).

3. SETUP

Charging the Pump

Before first use, fully charge the pump. The integrated 4 x 2600 mAh batteries provide cordless operation.

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 a compatible 30W USB power adapter (not included).
3. The LED display will indicate charging status. Charge until the battery indicator shows full.
4. **Important:** Do not use 12V DC car chargers with this pump. Only use a Type-C power source.

7 GAS NOZZLES



SUP Board



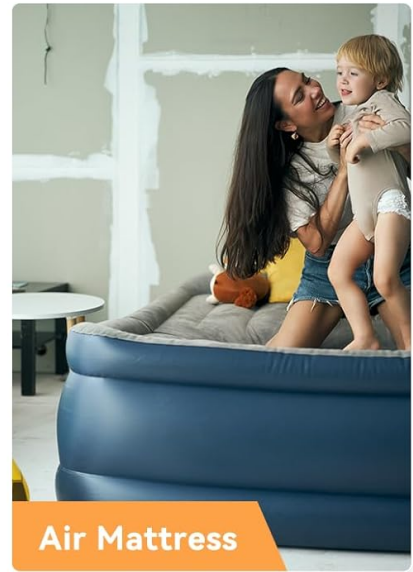
Surfing Kite



Inflatable Tent



Inflatable Boat



Air Mattress

Image: The dwndpump D16PRO pump being charged via its Type-C port with a 30W fast charger. Note that the charger itself is not included, and 12V DC is not supported.

Attaching the Hose and Adapters

Select the appropriate valve adapter for your inflatable item.

1. Screw the flexible hose securely into the inflation port on the pump.
2. Attach the correct valve adapter to the other end of the flexible hose. Ensure it is firmly connected to prevent air leakage.
3. Insert the adapter into the valve of your inflatable item.

Warm Tips

Recharge the battery before storage

Recommend charging SUP pump every 3 months



Image: A display of seven different gas nozzles, illustrating the versatility of the dwdnpump D16PRO for various inflatable items such as SUP boards, surfing kites, inflatable tents, inflatable boats, and air mattresses.

4. OPERATING INSTRUCTIONS

Inflation Process

The pump uses a dual-stage inflation system for efficiency.

1. Connect the pump to your inflatable item as described in the Setup section.
2. Press the power button to turn on the pump. The LED display will light up.
3. Use the '+' and '-' buttons to set your desired target pressure (e.g., 15 PSI for a SUP). The real-time pressure will be displayed.
4. Press the start button to begin inflation. The pump will automatically switch from high-volume low-pressure stage to low-volume high-pressure stage.
5. The pump will automatically stop once the set pressure is reached.
6. Disconnect the hose from the inflatable item and the pump.

Portable SUP Pump

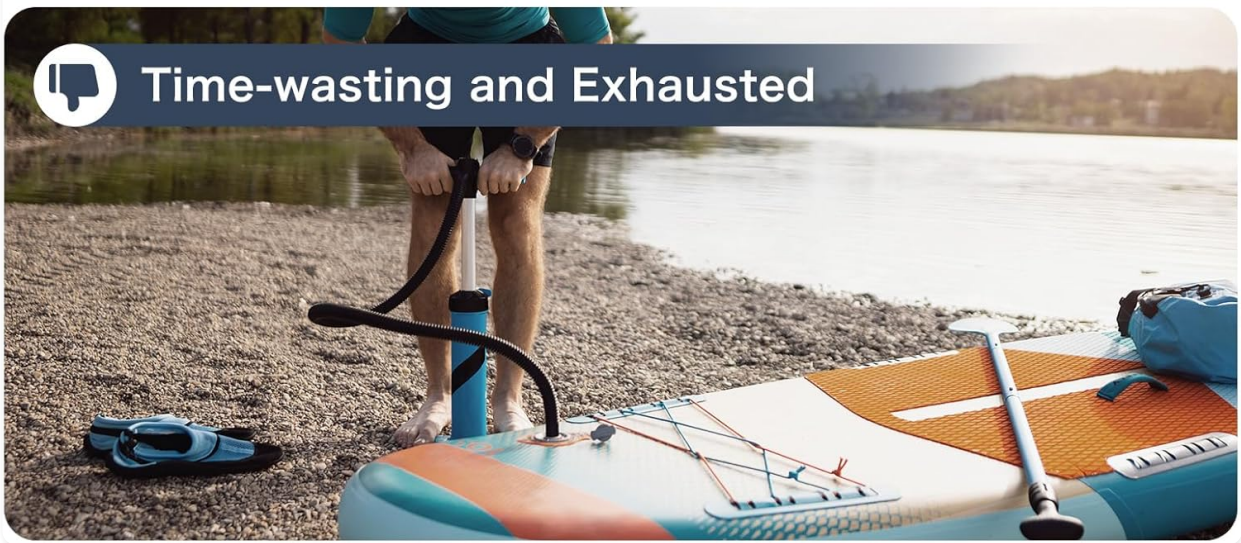


Image: The dwndump D16PRO electric pump actively inflating a paddleboard on a sandy beach, highlighting its fast inflation capability, completing the process in approximately 7 minutes.



Image: The dwndpump D16PRO electric pump connected to and inflating two paddleboards on a beach, demonstrating its capacity to inflate SUPs up to 15 PSI, with specific times for 12 PSI (5 min) and 15 PSI (7 min).

Deflation Process

The pump can also be used for deflation to quickly pack away your inflatable items.

1. Connect the flexible hose to the **deflation port** on the pump (usually marked with an 'OUT' or similar symbol).
2. Attach the appropriate valve adapter to the other end of the hose and insert it into the inflatable item's valve.
3. Press the power button, then long press the [Alter Button] to switch to 'FAN' mode (for deflation).
4. Press the start button to begin deflating.
5. Once deflated, turn off the pump and disconnect the hose.



Image: A comparison showing the dwndpump D16PRO electric pump providing hands-free operation for inflating a paddleboard, contrasted with the effort required for manual pumping.

5. MAINTENANCE

Battery Care

- Recharge the battery before storing the pump for extended periods.
- It is recommended to charge the SUP pump every 3 months to maintain battery health, even if not in use.



Image: A visual reminder of warm tips for the dwndpump D16PRO, emphasizing the importance of recharging the battery before storage and recommending charging the pump every 3 months to maintain optimal battery performance.

Cleaning and Storage

- Wipe the pump exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the pump is completely dry before storing.
- Store the pump and its accessories in a protective bag or case in a cool, dry place, away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your dwndpump D16PRO, refer to the following common problems and solutions:

- **Pump not turning on:** Ensure the battery is charged. Connect to a power source and check if the charging indicator lights up.
- **Pump not inflating:**
 - Check hose and adapter connections for leaks. Ensure they are securely attached.
 - Verify that the correct valve adapter is used for your inflatable.
 - Ensure the target pressure is set above the current pressure.
- **Pump overheating:** The pump has an active cooling system. If it still feels excessively hot, allow it to cool down before resuming operation. Continuous operation in very hot environments may trigger thermal protection.
- **Pump stops prematurely:** This is likely due to the intelligent pressure safety system, which automatically stops inflation once the set target pressure is reached. Check the set pressure on the LED display.
- **Inaccurate pressure reading:** Ensure the hose and adapter are fully sealed. A loose connection can affect readings.

If problems persist, please contact customer support.

7. SPECIFICATIONS

Feature	Specification
Model Number	D16PRO
Brand	dwndpump
Product Dimensions (L x W x H)	19.4 x 8.8 x 17.5 cm
Item Weight	1.14 Kilograms
Material	Plastic
Power Source	Battery Powered
Battery Type	4 x 2600 mAh (included)
Air Flow Capacity	400 Liters per minute
Maximum Pressure	20 PSI (Pounds per Square Inch)
Operating Mode	Automatic
Hose Length	100 Centimeters
Included Components	Electric SUP pump, flexible hose, Type-C cable, manual, 3 valve adapters

8. WARRANTY AND SUPPORT

Warranty Information

All dwndpump electric pumps are covered by a **one-year warranty** for repair or replacement from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or failure to follow the instructions in this manual.

Customer Support

If you encounter any problems using your dwndpump D16PRO electric pump or have questions not addressed in this manual, please contact our dedicated customer service team.

Contact Information:

Please refer to the contact details provided on your purchase receipt or the official dwndpump website for the most up-to-date support information.