



Rechargeable & 12V DC Electric SUP Pump



Model No. DL185

Thank you for purchasing a Dellonda product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

Important Information

Please read these instructions carefully. Note the safe operational requirements, warnings & cautions. Use the product correctly and with care for the purpose for which it is intended. Failure to do so may cause damage and/or personal injury and will invalidate the warranty. Keep these instructions safe for future use.



Refer to
instruction
manual



Wear eye
protection



Wear ear
protection

Specification

- Accessories: 5 Adaptors for **SUP** Boards, Tents, Air Mattresses and other Inflatables, 800mm High Volume Hose, 350mm High Pressure Hose, Schrader-Presta Valve Adaptor, Needle Valve Adaptor, **USB-C** Charging Cable and 4m 12V **DC** Connection Cable and Storage Bag.
- Accuracy: ± 1 psi
- Working Temperature: 0 to 45°C
- Storage Temperature: -10 to 65°C
- Motor: 300/550
- Battery Run Time: 30 mins
- Battery: 11.1V (3500mAh x3)
- Inlet Size: $\varnothing 20$ mm
- Maximum Air Supply: High Volume Mode: 200L/Min High Pressure Mode: 100L/Min
- Pressure Units: psi, bar
- Range: 0-50psi (0-3.45bar)
- Dimensions: (W x D x H) 179 x 158 x 70mm
- Rated Power: 150W
- Input: 5V-2A
- Charging Time: 3-4hrs (Type-C **USB** Charging Cable Provided)
- Run Times: Battery Mode: 25-30mins, 12V **DC** Mode: 30-40mins
- Air Flow: 200L/min, 100L/min
- Inflation Times: 12V **DC**: 3.8m Board: Approx. 10 mins (0 to 15psi), Battery Mode: 3.8m Board: Approx. 11-12mins (0 to 15psi)

Safety Instructions

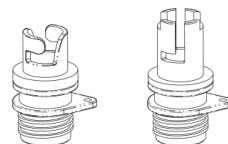
- **ELECTRICAL SAFETY**
- **WARNING!** It is the user's responsibility to check the following:
 - Check all electrical equipment and appliances to ensure that they are safe before using.
 - Inspect power supply leads, plugs and all electrical connections for wear and damage.
 - Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.
- **DO NOT** use worn or damaged cables, plugs or connectors.
- Ensure that any faulty item is repaired or replaced immediately by a Dellonda qualified technician.
- If the cable or plug is damaged during use, switch off the electricity supply and remove from use. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Dellonda recommend that an **RCD** (Residual Current Device) is used with all electrical products.
- **Important:** Ensure that the voltage rating on the appliance suits the mains power supply.
- **DO NOT** pull or carry the appliance by the power cable.
- **DO NOT** pull the plug from the socket by the cable.
- **GENERAL SAFETY**
- Read all safety warnings, instructions, diagrams, and specifications in the instruction manual carefully.
- This machine generates noise levels exceeding 85dB(A) during operation. Protective measures are required.
- Prolonged continuous use may cause the main unit and air hoses to overheat. Allow sufficient cooling time before reuse.
- This product is not a toy. Keep away from children.
- When deflating a **SUP**, please first press the valve to release some air before connecting the pump.
- Always verify the inflatable object's maximum pressure tolerance before use. Over-inflation may cause bursting, property damage, or personal injury.
- This product is not a toy. **DO NOT** allowed to be used by children. It is recommended that users be over 16 years old.
- During the inflation process, please keep children at a safe distance from the device.
- The product has a built-in non-removable lithium battery. It is prohibited to throw the product into the fire or discard it at will.
- Lithium batteries are at risk of overheating, impact, water ingress, fire, spontaneous combustion, and explosion. Please avoid exposure to high temperature environments such as in a car.
- The storage temperature of the product should not be lower than -10°C or higher than 45°C. Too cold or overheating will shorten the product life and damage the built-in battery.
- The product may damage the battery if it is idle for a long time. It is recommended to charge it at least once a month.
- The product has a built-in **DC** motor, which may generate electric sparks when working. Please do not use it in flammable and explosive environments.
- If there is an abnormal sound or the temperature is too high during work, please turn it off immediately.
- Before setting the inflation pressure value, please confirm that the correct unit of measurement is selected, otherwise it may cause an accident.
- During inflation, please do not leave and observe the inflation process to prevent the inflation pressure from being too high when the preset air pressure is not set.
- Please use it in a dry and clean environment. The intrusion of mud, sand and dust may cause damage to the product.
- The product is not waterproof and keep dry.
- **DO NOT** disassemble, impact, squeeze or cut the battery, otherwise it may cause an explosion.

- **DO NOT** place the battery in an extremely low air pressure, otherwise it may cause the battery to explode or leak flammable liquids and gases.
- If the battery swells, do not continue to use it.
- When deflating a **SUP**, please first press the valve to release some air before connecting the hose to the pump.

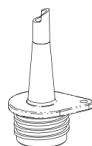
Contents



Medium nozzle x 1



Rigid Short Air Adaptor x1
Rigid Long Air Adaptor x1



Small nozzle x1



Schrader-Presta Valve Adaptor x1



Small nozzle x1



Needle Valve Adaptor x1



12V DC Car Connector x1



Storage Bag x1



USB-C Charging Cable x1



High -Flow Corrugated Hose x1

Product Overview: see right

Operation

• INFLATION OPERATION

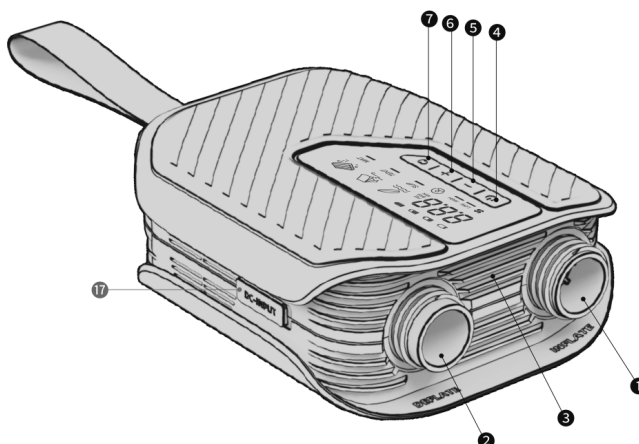
1. Long press the Power button to turn on the device.
 2. Press the Mode Switch button to select the inflation mode, and press the Increase Button(+) and Decrease Button(-) to adjust the target pressure value based on the recommended value for the inflatable object.
 - To change pressure unit, after entering preset mode, long press the mode switch button (7) for 3 seconds, and the display unit will switch on the screen.
 3. Select the High-Flow Corrugated Hose and connect one end to the pump's **INFLATION PORT**, then attach the other end to the inflatable object using a suitable nozzle.
 4. Press the Power button to start inflating. The pump will automatically stop when the default pressure is reached.
 5. Long press the Power button to turn off the device. Disconnect the inflatable object first, then remove the nozzle from the pump.
- **NOTE:** If you want to inflate car tyres, select Custom Mode (**NOTE:** In custom mode, there are no icons displayed on the screen), and select the Car Tyre Air Hose.

• DEFLATION OPERATION

1. Remove the High-Flow Corrugated Hose from the Inflation Port and reconnect it to the Deflation Port, tightening it by rotating clockwise.
2. Connect the other end of the High-Flow Corrugated Hose (the end with the air valve) to the inflation valve of the inflatable object.
3. Press the Power button to start deflation (no need to set the air pressure value). Press the power button again to stop deflation.

- 1 Inflation port
- 2 Deflation port
- 3 Charging port

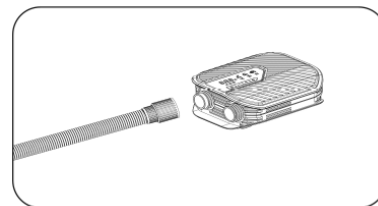
- 4 Power button On/Off
- 5 Decrease (-) button
- 6 Increase (+) button
- 7 Mode switch button



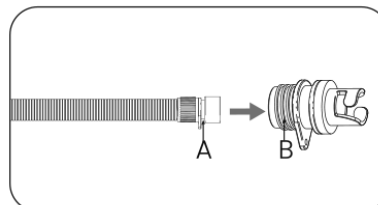
- 8 Battery indicator
- 9 Pressure display
- 10 Unit selection
- 11 SUP inflation mode
- 12 Tent inflation mode
- 13 Mattress infaltion mode
- 14 High-flow inflation
- 15 High-pressure inflation
- 16 Custom mode
- 17 12V DC car connector

Operation continued

- **CAUTION!** Custom Mode only supports high - pressure inflation and doesn't support air deflation! Please select the corresponding or similar **SUP TENT MAT** mode for air deflation.
- **DURING DEFLATION, THE PUMP WILL NOT AUTOMATICALLY STOP. DO NOT** leave it unattended. Manually stop and turn off the pump once the desired state is achieved.
- **FITTING HOSE AND NOZZLE:**
- **CONNECTING HOSE TO THE PUMP**
- For Inflation: Attach one end of the high-flow air hose to the pump's **INFLATION PORT** and lock securely. For Deflation: Connect the hose to the pump's **DEFLATION PORT** and lock securely.



- **CONNECTING THE NOZZLE TO THE HIGH FLOW CORRUGATED HOSE**
- Align the Threaded Port B of the nozzle with Threaded Port A on the opposite end of the hose.
- Rotate Ports A and B clockwise to tighten fully.
- **CAUTION!** 1. -The nozzle tip and hose may become hot after inflation. Handle with care to avoid burns.
- 2. During disconnection, slight air leakage may occur. Disconnect quickly to minimize air loss.
- 3. Always disconnect the inflatable object first before removing the nozzle from the pump. This prevents accidental hazards caused by sudden release.



• PRESSURE AND DISPLAY SETTINGS

Mode	SUP Mode	Tent Mode	Mattress Mode	Custom Mode
Display				None
Default Pressure Values	15PSI	6PSI	4MIN	35 PSI
Adjustment Ranges	0.3~20PSI	0.3~8PSI	1~10MIN	3~50 PSI

• OPERATION

- **Pressure Reading:** When not inflating, the displayed value after connecting to an inflatable object reflects its current pressure.
- **Auto Shutdown:** The pump will automatically turn off and enter sleep mode if no operation is detected for 3 minutes.
- **Custom Mode Usage:** For inflatables without a preset mode, use Custom Mode to set the target pressure via the +/- buttons.
- **Quick Mode Adjustment:** In preset modes (**SUP**, **Tent**, **MAT**), press the +/- buttons to reset the pressure within the adjustable range.
- **Setting Confirmation:** When adjusting values, the number will blink 3 times to confirm the setting. The pump saves the last used value automatically for future use.
- **CAUTION:** Always verify the inflatable object's maximum pressure tolerance before use. Over-inflation may cause bursting, property damage, or personal injury.

Button	Short Press	Long Press
 Power/Start	Start inflation / Stop inflation	Turn ON / Turn OFF
 Button	Increase value by 0.1 PSI (pressure mode) or 0.1 MIN (time mode)	Rapidly increase value (hold to accelerate)
 Button	Decrease value by 0.1 PSI (pressure mode) or 0.1 MIN (time mode)	Rapidly decrease value (hold to accelerate)
 Mode Switch	Cycle through preset modes	Switch between PSI and BAR units (in SUP, TENT, and Custom Modes)

• BATTERY LEVEL INDICATOR



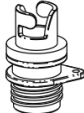
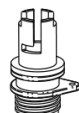
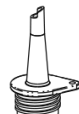
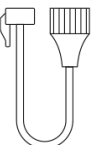
-  Battery level is below 25%.
-  Battery level is between 25% and 50%.
-  Battery level is between 50% and 75%.
-  Battery level is between 75% and 100%.

- **CHARGING**
- **Initial Use:** Fully charge the device before first use.
- **Charging Method:** Use a Type-C charging cable to connect the product to a power adapter.
- **Storage Maintenance:** If unused for extended periods, fully charge the device once per month to maintain battery health.

- 
 When the battery level is below 20%, the red light flashes.
- 
 When the battery level is between 25% and 50%, the yellow LED flashes.
- 
 When the battery level is between 50% and 75%, the green LED flashes.
- 
 When the battery level is between 75% and 90%, the green LED flashes.
- 
 When the battery level is between 90% and 100%, the green LED stays on.

- **CAUTION: DO NOT** use the device while charging.
- Use only safety-certified chargers to avoid damage or hazards. Recommended adapter 5V/2A output.

• **NOZZLE APPLICATIONS**

Category	Icon	Recommended Inflatables
Medium Nozzle		Airbeds, Tents, Inflatable Sofas (used with High-Flow Corrugated Hose)
Short Rigid Adapter		SUPs (Stand-Up Paddleboards), Kayaks, Tents (used with High-Flow Corrugated Hose)
Long Rigid Adapter		SUPs, Kayaks, Tents (used with High-Flow Corrugated Hose)
Small Nozzle		Yoga Balls, Pool Floats, Inflatable Pools (used with High-Flow Corrugated Hose)
High-Flow Corrugated Hose		Designed for use with High-Flow Nozzles to ensure rapid inflation/deflation efficiency.
Car Tire Air Hose		Works with all standard Schrader tire valves for cars, bikes, and motorcycles. Just add the ball needle attachment to pump up sports balls like basketballs, soccer balls, footballs, and more.

- **RECOMMENDED INFLATION PRESSURE GUIDE**
- **WARNING!** The recommended inflation pressure ranges ore for reference only. Always follow the manufacturer's specified pressure requirements for the inflatable.

Category	Product Type	Recommended Pressure Range
Outdoor Gear	SUP Pump (Stand-Up Paddleboard)	0~15psi
	Airbed	0~0.5psi
	Inflatable Tent	0~8psi
	Inflatable Pool	0~3psi
	Yoga Ball	0~15psi

Troubleshooting

<i>Issue</i>	<i>Solution</i>
Fails to Power On	Fully charge the battery before turning on.
Slow Inflation Speed	- Check battery level. - Inspect for air leaks in the hose or inflatable object. - Ensure the hose and nozzle are tightly connected.
Pump Runs but No Inflation	- Verify battery level. - Check if the inflatable's current pressure exceeds the set pressure.
Unable to Adjust Target Pressure	Ensure you are in Custom Mode and adjust within the allowable range (3–50 PSI).
Pressure Display Shows Zero	The device cannot measure extremely low pressures (e.g., balloons). Use manual monitoring.
Automatic Shutdown After Nozzle Attachment	Restart the pump.
Air Leakage at Hose/Nozzle	Tighten the hose and nozzle connections securely.
Fails to Charge Fully / Extended Charging Time / Screen Remains Off After Charging	- Use only a 5V/2A compliant adapter. - Replace non-compliant or damaged adapters.

End of life

- When the product is taken out of service or reaches the end of its operational life, it must be disconnected from the mains power supply and dismantled by a qualified person in accordance with local regulations. The appliance and its components should be disposed of responsibly through approved recycling or waste-management facilities.

Environment Protection and Waste Protection and Electrical Equipment Regulations (WEEE)

Recycle unwanted packaging materials. When this product is no longer required, or has reached the end of its useful life, please dispose of it in an environmentally friendly way. Drain any fluids (if applicable) into approved containers, in accordance with local waste regulations. Under the It is our policy to continually improve products and we reserve the right to alter data, specifications and parts without prior notice. No liability is accepted for incorrect use of this product. Guarantee is 12 months from purchase date, proof of which is required for any claim.