



Manuals.plus /

› AMPFORCE /

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## AMPFORCE 20V Cordless Submersible Water Transfer Pump

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## 1. SAFETY INFORMATION

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Please read and understand all safety warnings and instructions before operating this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

### General Safety Warnings

- Always wear appropriate personal protective equipment (PPE) such as safety glasses and gloves when operating the pump.
- Do not operate the pump in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Keep children and bystanders away while operating the pump. Distractions can cause you to lose control.
- Ensure the battery pack is fully charged before use.
- Do not immerse the battery pack or control unit in water. Only the submersible pump unit is designed for water immersion.
- Always disconnect the battery pack before performing any maintenance or cleaning.
- Use only the charger specified by the manufacturer for the battery pack.
- Do not use the pump to transfer flammable or corrosive liquids.
- Ensure all connections are secure before operation to prevent leaks.

## 2. SETUP

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### 2.1 Unboxing and Initial Inspection

Carefully remove all components from the packaging. Inspect for any damage that may have occurred during shipping. Ensure all parts listed in the packing contents are present.

## 2.2 Battery Installation and Charging

The AMPFORCE 20V Cordless Submersible Water Transfer Pump is powered by a 4.0Ah lithium-ion battery. The battery is housed in a separate protective case.

1. Open the protective case of the control unit.
2. Remove the battery from its packaging.
3. Insert the battery into the designated slot within the control unit. Ensure it clicks securely into place.
4. Connect the provided charger to the battery pack and plug it into a standard electrical outlet. Allow the battery to fully charge before first use. The indicator lights on the control unit will show the charging status.

## 2.3 Hose Connection

The pump is designed for versatile hose connections. Select the appropriate hose connector for your application.

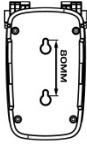


Image: This image displays various hose connectors, including 1-1/4" Main Outlet, 3/4" Hose Connector, 1/2" Hose Quick Connector, and 1" Hose Connector, illustrating the pump's adaptability to different hose sizes.

1. Attach the desired hose connector to the pump's outlet.
2. Securely connect your water hose or tubing to the chosen connector. Ensure a tight fit to prevent leaks during operation.

## 2.4 Mounting the Control Unit

The control unit features a blue handle that allows for easy mounting.



### **MOUNT ANYWHERE WITH EASE**

Easily hung on railings or mounted on walls, this pump offers flexible installation and maximizes space efficiency.



Image: The control unit is shown mounted on a brick wall next to a rain barrel, demonstrating its flexible installation options. You can easily hang the control unit on railings, buckets, or mount it on walls, maximizing space efficiency and keeping the battery safe from water splashes.

## **3. OPERATING INSTRUCTIONS**

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### **3.1 Powering On/Off**

To power on the pump, press the 'POWER' button on the control unit. The indicator lights will illuminate. To power off, press the 'POWER' button again.

### **3.2 Water Transfer Operation**

Place the submersible pump unit into the water source you wish to drain. Ensure the pump is fully submerged for optimal performance.



Image: The blue submersible pump is shown at the bottom of a clear blue pool, with a hose extending out, illustrating its use for draining pools.

The pump boasts a flow rate of 1003 gallons per hour (17 Gallons Per Minute) and can operate for up to 1 hour on a fully charged 4.0Ah battery, capable of emptying two 8ft pools.

### 3.3 Automatic Shutdown Timer

The pump features three adjustable timer settings for convenience and battery conservation.



#### AUTO-OFF TIMER SETTINGS

Save energy with the automatic shut-off feature, providing efficiency and peace of mind.

- 5 Minutes
- 10 Minutes
- 15 Minutes

Image: A close-up of the control unit shows the 'POWER' and 'TIMER' buttons, with indicator lights for 5, 10, and 15-minute auto-off settings.

- Press the 'TIMER' button to cycle through the settings: 5 minutes, 10 minutes, or 15 minutes.
- The pump will automatically shut off once the selected time is reached, allowing for unattended operation.

### 3.4 Dual-Use for Clean and Wastewater

This submersible pump is designed to handle both clean and dirty water, making it suitable for a wide range of applications.



#### DUAL-USE FOR CLEAN AND WASTEWATER

Experience unparalleled flexibility with this water pump, designed for effortless operation in both clean and wastewater environments.

Image: The pump is shown operating in both clear water (like a pool) and murky wastewater (like a flooded basement), highlighting its dual functionality.

Applications include draining pools, spas, hot tubs, rain barrels for garden irrigation, basements, and sumps.

### 3.5 Product Demonstration Video

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Video: This official product video from Avant Globe demonstrates the AMPFORCE 20V Cordless Submersible Water Sump Pump in various scenarios, showcasing its ease of use, portability, and efficient water transfer capabilities for both clean and dirty water, including the smart timer function.

## 4. MAINTENANCE

## 4.1 Cleaning

- After each use, especially with dirty water, rinse the submersible pump unit thoroughly with clean water.
- Ensure no debris is lodged in the pump's intake or outlet.
- Wipe down the control unit and battery pack with a damp cloth. Do not use harsh chemicals or abrasive cleaners.

## 4.2 Battery Care

- Store the battery pack in a cool, dry place away from direct sunlight and extreme temperatures.
- For long-term storage, charge the battery to approximately 50% capacity.
- Recharge the battery every 3-6 months during storage to maintain its lifespan.

## 5. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Pump does not start	Battery not charged or improperly installed.	Ensure battery is fully charged and correctly inserted into the control unit.
Low water flow	Hose kinked or clogged. Pump intake blocked.	Check hose for kinks or blockages. Clean pump intake.
Water leaking from connections	Hose not securely attached or connector loose.	Tighten all hose connections. Ensure correct connector is used.
Pump stops unexpectedly	Battery depleted. Timer setting activated.	Recharge battery. Check timer setting and reset if necessary.

## 6. SPECIFICATIONS

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- **Brand:** AMPFORCE
- **Model:** 20V Cordless Submersible Water Transfer Pump
- **Power Source:** Battery Powered
- **Voltage:** 20 Volts
- **Battery Type:** Lithium-ion, 4.0Ah
- **Maximum Flow Rate:** 1003 Gallons Per Hour (17 Gallons Per Minute)
- **Runtime:** Up to 1 hour (with 4.0Ah battery)
- **Material:** Plastic
- **Item Weight:** 3.36 Kilograms
- **Features:** Automatic Shutdown Timer (5, 10, 15 minutes), Dual-use for clean and wastewater, Portable design, Protective battery case.

## 7. WARRANTY AND SUPPORT

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AMPFORCE is committed to providing high-quality products and customer satisfaction. This product comes with a standard manufacturer's warranty. For specific warranty details, please refer to the warranty card included in your product packaging or contact AMPFORCE customer support.

If you have any questions, require technical assistance, or need to report an issue, our responsive after-sales

team is available to help. Please contact us via the details provided in your product documentation or through the retailer where you purchased the product. We aim to respond to all inquiries within one business day.