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› StarNY Susan 835MP Ultrasonic Inverter Electro Fisher Fishing Machine Instruction Manual

## StarNY 835MP

# StarNY Susan 835MP Ultrasonic Inverter Electro Fisher Fishing Machine

## INSTRUCTION MANUAL

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### 1. Introduction

This manual provides essential instructions for the safe and effective use of your StarNY Susan 835MP Ultrasonic Inverter Electro Fisher Fishing Machine. Please read this manual thoroughly before operating the device to ensure proper function and to prevent injury or damage. This device is designed for specific fishing applications in fresh water environments.

### 2. Safety Information

**WARNING:** Failure to follow these safety instructions may result in electric shock, fire, or serious injury.

- This device is intended for use in **fresh water only**. Do not use in salt water or brackish water.
- Always ensure proper polarity when connecting to a 12V DC battery. Incorrect connection can damage the device and pose a safety risk.
- Keep the device and all connections dry. Do not operate in rain or wet conditions unless specifically designed for it.
- Ensure all connections are secure before powering on the device.
- Keep hands and other body parts away from the output electrodes when the device is active.
- Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.
- Store the device in a dry, cool place away from children and unauthorized users.

### 3. Package Contents

Verify that all items are present in your package:

- StarNY Susan 835MP Ultrasonic Inverter Electro Fisher Fishing Machine
- Adsorption line (output cable)
- Intelligent impulse (likely referring to the control unit or a specific feature)
- Battery connection cables (red and black alligator clips)

### 4. Setup

Follow these steps for initial setup:

1. **Connect to Power Source:** Connect the red battery clip to the positive (+) terminal of a 12V DC battery and the black battery clip to the negative (-) terminal. Ensure a secure connection.
2. **Connect Output Lines:** Plug the adsorption line (output cable) into the designated output ports on the device. Ensure the connections are firm.
3. **Placement:** Place the device in a stable, dry location, away from direct water contact.



Image 1: The StarNY Susan 835MP unit with its battery connection clips and output line attached, ready for operation.

### 5. Operating Instructions

Once the device is set up, follow these steps to operate it:

1. **Power On:** Locate the power switch on the device and turn it to the 'ON' position.
2. **Frequency Adjustment:** Use the 'Frequency' knob to adjust the output frequency. The device operates within a range of 5-100Hz, adjustable in 1Hz steps. Adjust according to your specific application requirements.
3. **Output Duration:** The output duration can be adjusted from 30 microseconds to 2.5 milliseconds. This setting controls the pulse width of the output.
4. **High/Low Frequency Adjustment:** The device features a high/low frequency adjustment knob for fine-tuning the output characteristics.
5. **Working Range:** The effective working range of the device is approximately 1-2 meters.

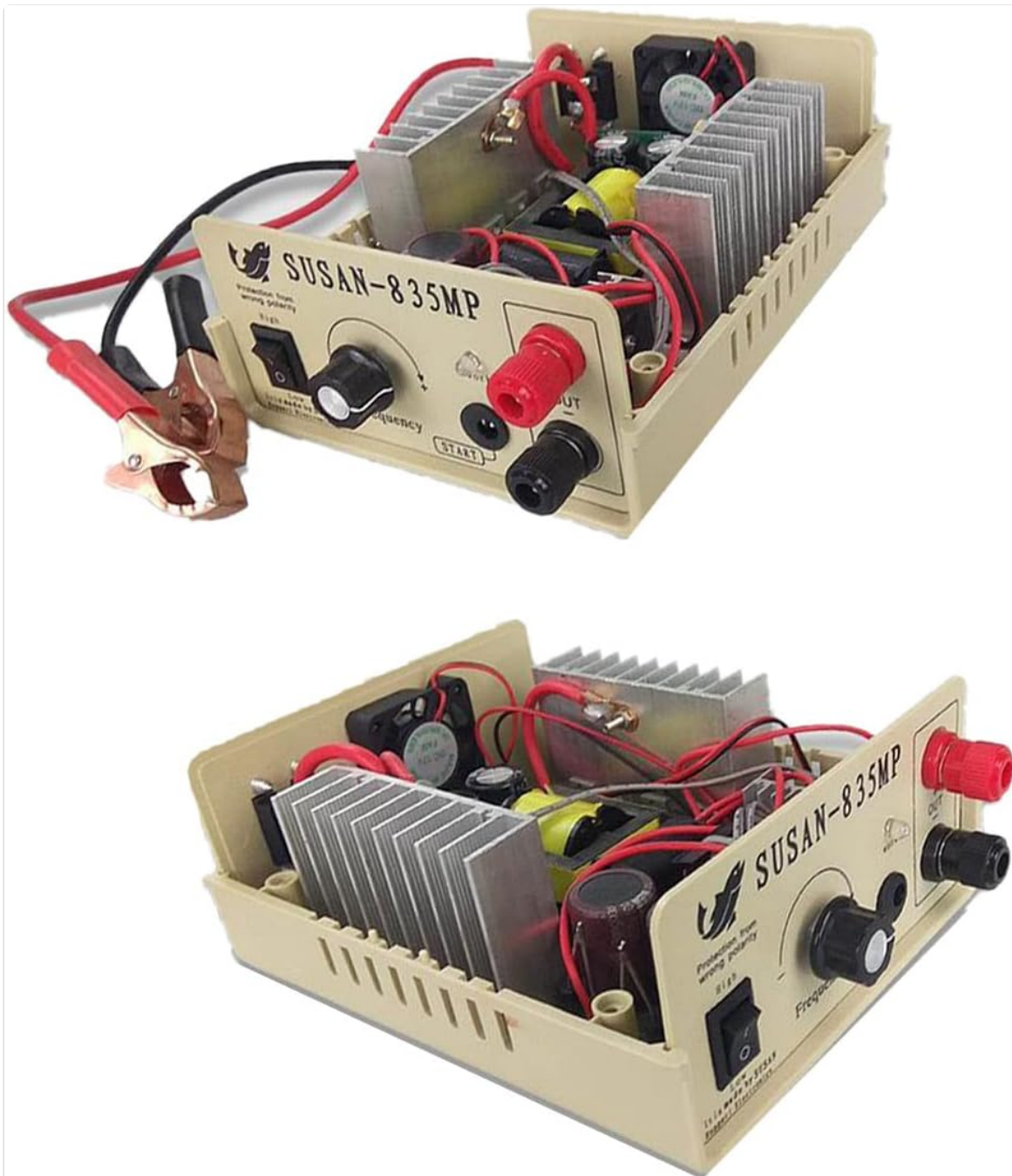


Image 2: An internal view of the StarNY Susan 835MP, showing the frequency adjustment knob and other controls.

## 6. Maintenance

Proper maintenance ensures the longevity and reliable performance of your device:

- **Cleaning:** After each use, wipe the exterior of the device with a dry, soft cloth. Do not use abrasive cleaners or solvents. Ensure no moisture enters the device.
- **Storage:** Store the device in a cool, dry place, away from direct sunlight and extreme temperatures. Disconnect from the battery when not in use for extended periods.
- **Cooling System:** The device is equipped with an intelligent cooling fan to prevent overheating. Ensure the fan vents are not obstructed during operation.

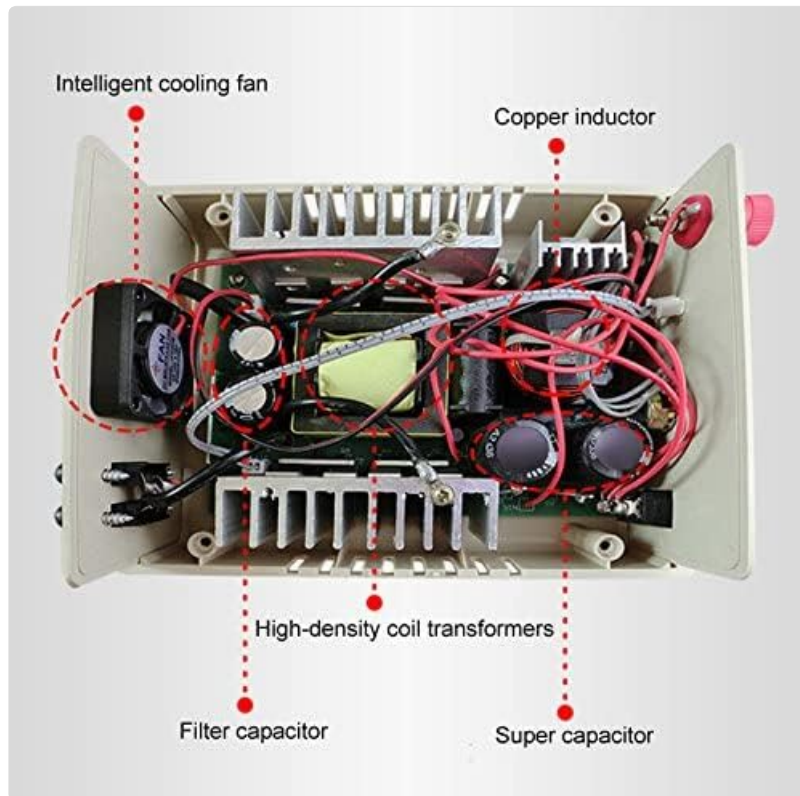


Image 3: Detailed internal view highlighting the intelligent cooling fan, copper inductor, high-density coil transformers, filter capacitor, and super capacitor.



Image 4: Rear view of the device, clearly showing the cooling fan for heat dissipation and the power input terminals.

## 7. Troubleshooting

If you encounter issues with your StarNY Susan 835MP, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on.	Incorrect battery connection or low battery voltage.	Check battery clips for secure connection and correct polarity. Ensure the 12V battery is adequately charged.
No output or weak output.	Loose output cable connection or incorrect frequency/duration settings.	Verify the adsorption line is securely plugged in. Adjust frequency and output duration knobs.
Device overheats.	Obstructed cooling fan or prolonged use at maximum settings.	Ensure cooling fan vents are clear. Reduce operating time or adjust settings. Allow the device to cool down.

## 8. Specifications

Feature	Detail
Model Name	835MP
Rated Power	2500W (maximum peak)
Operating Power	1200W
Input Voltage	12V DC (connect to 12V battery)
Output Frequency	5-100Hz (adjustable in 1Hz steps)
Output Duration	30 microseconds - 2.5 milliseconds
Water Quality	Fresh water only (not sea water)
Working Range	1-2 meters
Item Dimensions (LxWxH)	5.91 x 3.94 x 1.97 inches
Item Weight	2.1 Pounds
Included Components	Adsorption line, intelligent impulse

## 9. Warranty and Support

This product is covered by a standard manufacturer's warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the documentation provided at the time of purchase or contact your retailer.

For technical support, troubleshooting assistance, or warranty claims, please contact the StarNY customer service department through your original point of purchase or visit the official StarNY website for contact information.

