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PEXMOR ETM82

PEXMOR ETM82 36 LBS Electric Trolling Motor User Manual

Model: ETM82

Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

Introduction

Thank you for choosing the PEXMOR ETM82 36 LBS Electric Trolling Motor. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new trolling motor. Please read these instructions carefully before use and retain them for future reference.

Safety Information

Always prioritize safety when operating any watercraft and associated equipment. Failure to follow these safety guidelines may result in injury or damage to the product.

- Ensure the motor is securely mounted to the transom before connecting to a power source.
- Always disconnect the motor from the battery when not in use, during charging, or before performing any maintenance.
- Keep hands, feet, and clothing clear of the propeller at all times, especially when the motor is connected to a power source.
- Do not operate the motor in areas where people are swimming.
- Use only a 12V deep cycle marine battery (not included) with this trolling motor.
- Regularly inspect all electrical connections for corrosion or damage.

Setup and Installation

1. Mounting the Motor

The PEXMOR ETM82 is designed for transom mounting. Ensure your boat's transom is suitable for clamping the motor securely.

- Position the motor on the transom, ensuring the propeller is clear of any obstructions.
- Tighten the transom clamp screws firmly to secure the motor. Do not overtighten.

- Adjust the mounting angle using the 90-degree adjustment feature to ensure the motor shaft is vertical in the water.



Image: Adjusting the motor's depth, height, angle, and transom clamp thickness.

2. Propeller Installation

The motor comes with a three-bladed propeller. An additional propeller is included for replacement.

- Align the propeller with the motor shaft pin.
- Slide the propeller onto the shaft until it seats against the pin.
- Secure the propeller with the provided washer and nut. Tighten firmly but do not overtighten to avoid damaging the propeller.



Image: Detail of the three-bladed propeller, designed for efficient propulsion and clearing aquatic vegetation.

3. Battery Connection

Connect the motor to a 12V deep cycle marine battery (not included).

- Connect the red positive (+) cable from the motor to the positive (+) terminal of the battery.
- Connect the black negative (-) cable from the motor to the negative (-) terminal of the battery.
- Ensure connections are tight and secure to prevent power loss or arcing.

Operating Instructions

1. Adjusting Depth and Angle

The motor's shaft depth and angle can be adjusted to suit various water conditions and boat types.

- To adjust depth, loosen the knob on the shaft and slide the motor up or down. Retighten the knob once the desired depth is reached.

- To adjust the angle, press the button near the mounting bracket and tilt the motor to the desired position. Release the button to lock the angle.

2. Speed Control and Handle Adjustment

The motor features a telescoping handle with multiple speed settings.

- The handle extends up to 6 inches for comfortable operation. Pull or push the handle to adjust its length.
- Rotate the handle grip to select one of the 5 forward speeds or 3 reverse speeds. Start with lower speeds and gradually increase as needed.



Image: The motor's control head showing the telescoping handle, speed settings (5 forward, 3 reverse), and the 1-10 LED battery indicator.

3. LED Battery Indicator

The integrated LED indicator provides real-time battery status.

- The indicator displays 1-10 LED lights.

- 1-3 red lights indicate low power, signaling that the battery needs recharging soon.
- Green lights indicate sufficient power.

4. General Use

This electric trolling motor is suitable for various small watercraft, including kayaks, fishing boats, and inflatable boats, and is designed for use in both fresh and saltwater environments.

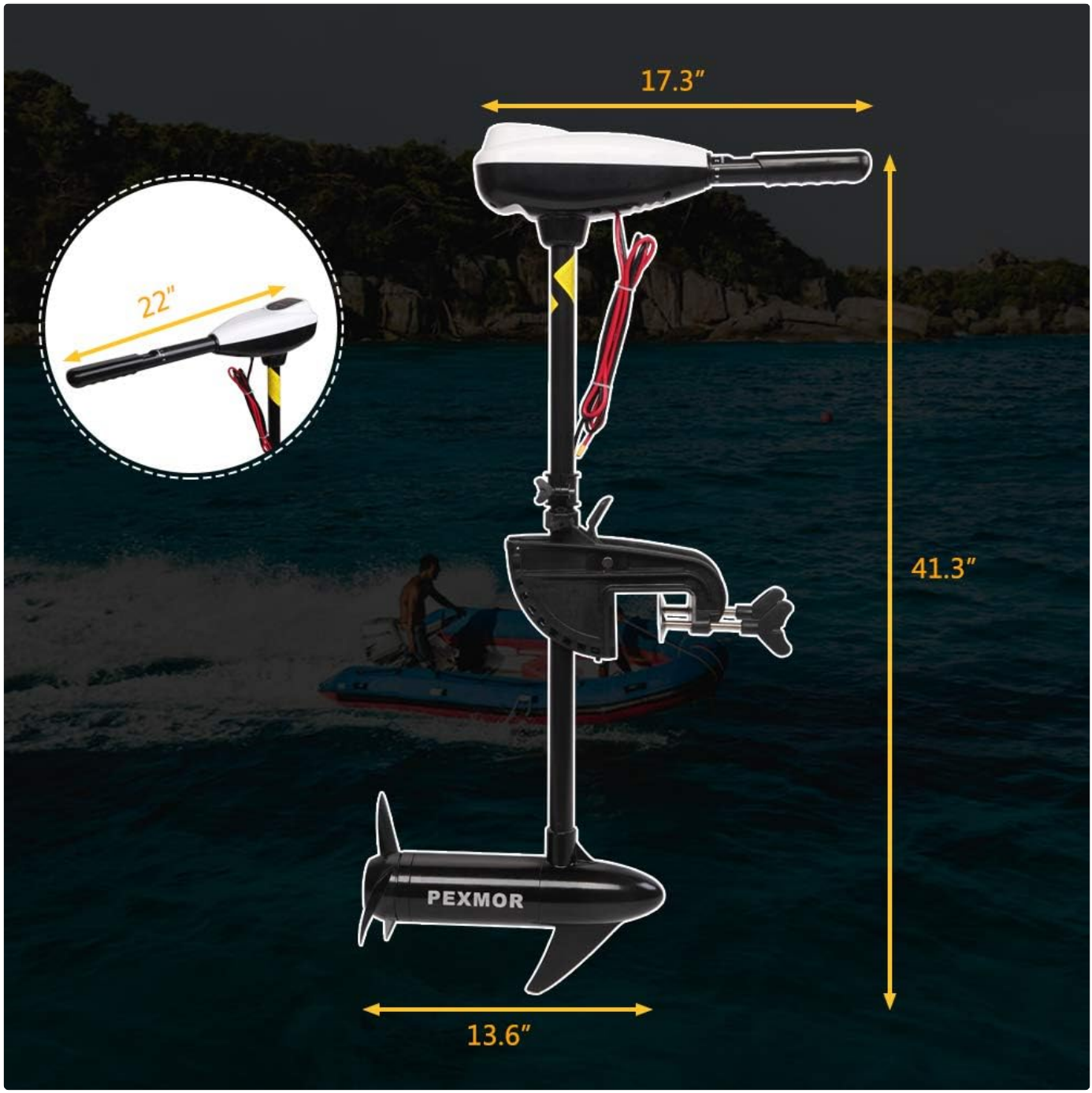


Image: An individual using the PEXMOR trolling motor on a kayak, demonstrating typical operation.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your trolling motor.

- **After Each Use:** Rinse the motor thoroughly with fresh water, especially after saltwater use, to prevent corrosion. Wipe down all surfaces.
- **Propeller Inspection:** Regularly check the propeller for fishing lines, weeds, or debris that may be wrapped around

the shaft. Remove any obstructions carefully. Inspect for chips or cracks and replace if damaged.

- **Battery Care:** Ensure your 12V deep cycle marine battery is properly charged and maintained according to the battery manufacturer's instructions. Disconnect the motor from the battery during storage.
- **Electrical Connections:** Periodically inspect all electrical connections for corrosion. Clean terminals with a wire brush if necessary and apply dielectric grease to prevent future corrosion.
- **Storage:** Store the motor in a dry, cool place when not in use.

Troubleshooting

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

Problem	Possible Cause	Solution
Motor does not run	Loose battery connections Dead or low battery Blown fuse (if applicable)	Check and tighten battery connections Recharge or replace battery (check LED indicator) Inspect and replace fuse if necessary
Motor runs slowly or with reduced power	Low battery charge Propeller fouled with weeds/debris Damaged propeller	Check LED indicator and recharge battery Clear propeller of obstructions Replace propeller
Motor makes unusual noise	Propeller hitting an object Loose propeller Internal motor issue	Check for obstructions Tighten propeller nut Contact customer support
LED indicator shows red lights (1-3)	Battery is low	Recharge the 12V deep cycle marine battery

Specifications

Key technical details for the PEXMOR ETM82 36 LBS Electric Trolling Motor.

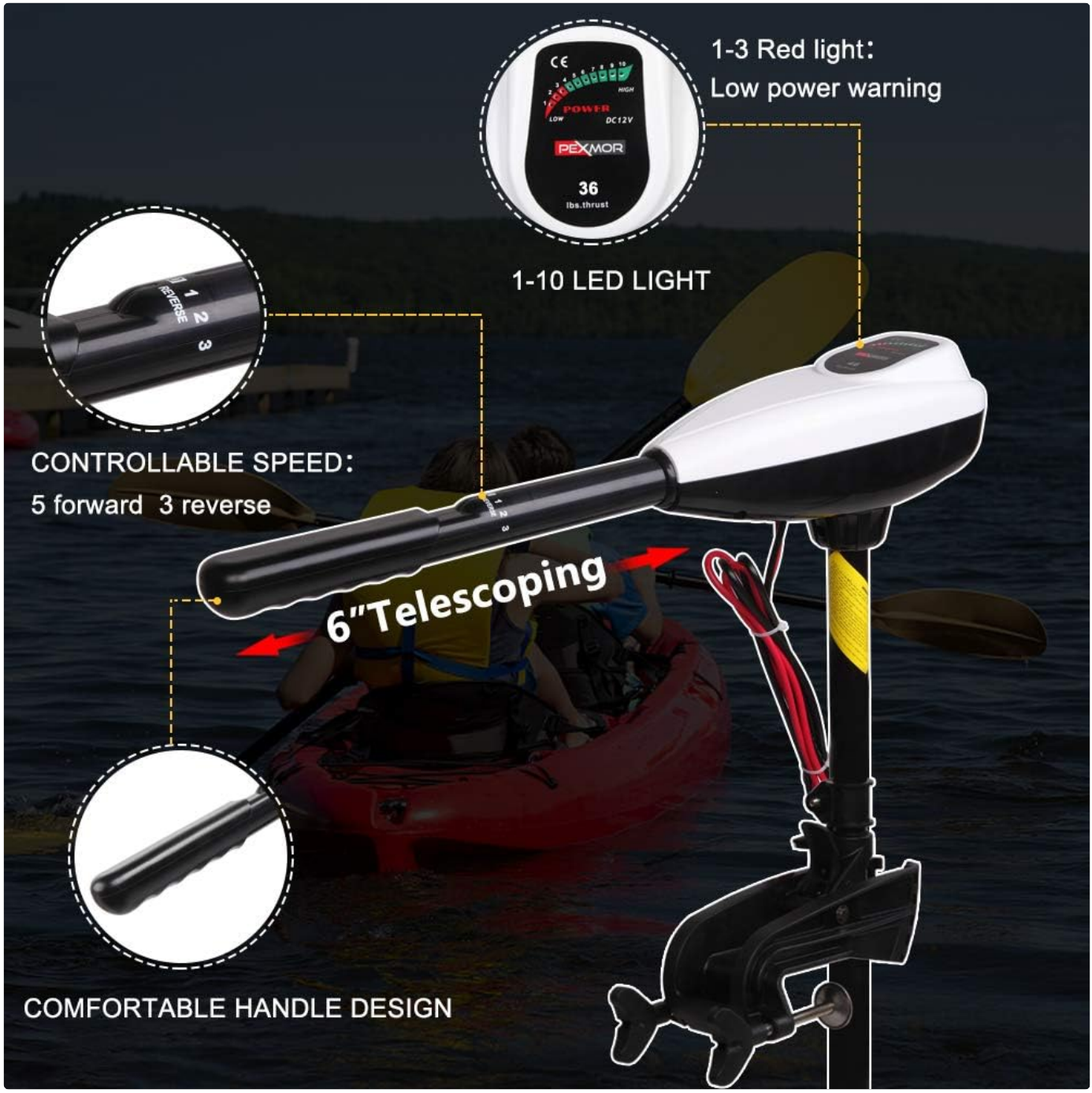


Image: Diagram showing the overall dimensions of the PEXMOR ETM82 trolling motor.

Feature	Detail
Brand	PEXMOR
Model Name	ETM82
Thrust	36 LBS
Voltage	12 Volts
Engine Type	Electric
Material	Fiberglass
Item Weight	16 Pounds

Feature	Detail
Operation Mode	Electric
Mounting Type	Transom Mount
Recommended Uses	For Inflatable Boats, For Salt Water
Item Package Dimensions	46 x 19.25 x 6.75 inches
Included Components	Comes with housing

Warranty Information

The PEXMOR ETM82 Electric Trolling Motor comes with a**1-year warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims.
The warranty does not cover damage resulting from misuse, neglect, unauthorized modification, accident, or normal wear and tear.

Customer Support

For any questions, technical assistance, or warranty claims, please contact PEXMOR customer support. Refer to your purchase documentation or the PEXMOR official website for the most current contact information.
When contacting support, please have your model number (ETM82) and proof of purchase readily available.

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