

kLite 750 User Manual



Acknowledgements

Thank you for choosing ePropulsion. We are committed to providing cleaner, safer, and more reliable electric propulsion solutions for your watercraft. We are confident you will be satisfied with our products and welcome you to visit our official website at www.epropulsion.com.

Important Information

Before using this product, please thoroughly read this manual to understand proper and safe operating procedures. Use of this product constitutes your agreement that you have fully read and understood all contents of this manual. Do not operate the electric outboard motor until you have carefully reviewed the instructions and understood its performance characteristics. Do not lend the outboard motor to individuals who are not proficient in its operation. ePropulsion Technology assumes no liability for any economic loss or personal injury resulting from operation inconsistent with this manual. This manual is subject to periodic updates. Please visit ePropulsion Technology's official website at www.epropulsion.com to obtain the latest version. If you find any discrepancies between your product and this manual, or have any questions regarding the product or this manual, please visit www.epropulsion.com or contact us. ePropulsion Technology reserves the final right of interpretation for this manual. This manual is available in multiple languages. In case of any discrepancies between different language versions, the English version shall prevail. ePropulsion Technology reserves the right to modify the manual content. ePropulsion Technology also retains all relevant intellectual property and industrial property rights, including copyrights, patents, trademarks, and designs.

Safety Warning

ePropulsion Technology places high importance on safety. We advise anyone closely interacting with ePropulsion products—such as those installing, operating, maintaining, or servicing them—to exercise caution, follow common sense, and adhere to the safety information in this manual and on the machine's installation stickers. This ensures the safety of personnel and property while minimizing safety risks.

The following symbols indicate relevant information on the manual or product label stickers: When a danger or warning symbol appears, it indicates a potentially hazardous or high-risk situation that, if not avoided, could result in death or serious personal injury. Pay special attention and take it seriously, as it concerns your safety or the safety of the product.



Important Notice Symbol:

Indicates usage tips or important information to help you quickly master the outboard motor and improve efficiency.



Important Tips or Warnings:

When installing, operating, maintaining, or servicing ePropulsion products, numerous safety hazards may exist during the process. Stay alert, perform relevant operations properly, and prioritize safety.

Product Serial Number

The product serial number is a crucial document for warranty claims and other after-sales services. The serial number for the "kLite 750" is located at the position shown in the image below. Please locate this position on the product and record the displayed serial number. Do not deface or scratch the serial number, as this will render it unreadable and void the product warranty.

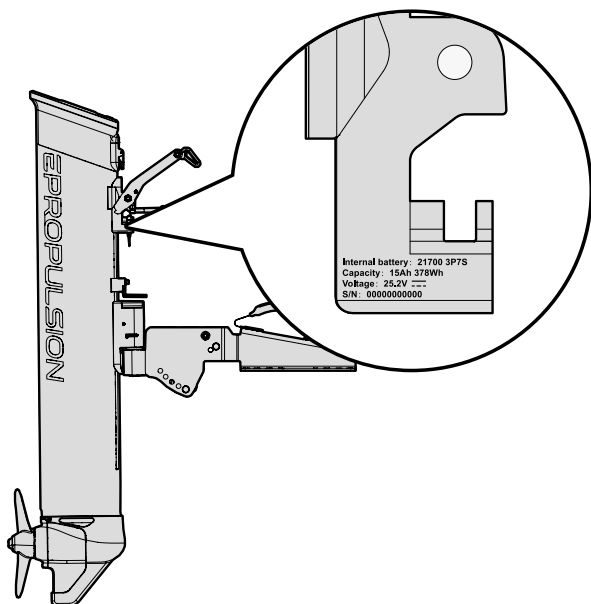


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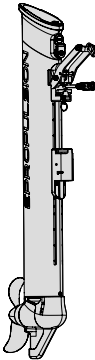
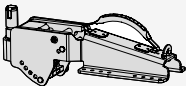
1 Product Overview

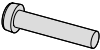
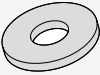
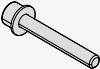
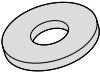
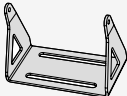
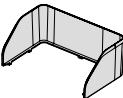
Congratulations on owning the ePropulsion kLite 750, a kayak motor with integrated 378 Watt hour battery, rated output of 500 Watts and boost mode output of 750 Watts. Having the battery integrated means that you'll enjoy a lightweight powerful propulsion solution for those "throw & go" access trips. If you should require additional range, the ePropulsion Solar Charger combined with a 12 volt battery of your choosing will provide all day range by recharging the main battery at a rate of 100 Watts per hour.

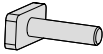
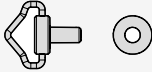
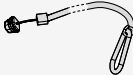
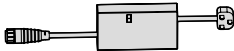
The motor attaches to kayaks by utilizing a four bolt pattern base available on many kayaks or via adapter plates designed for stern mounted kayak accessories. The motor can be installed on the rail near the throttle, or out in front of the kayak angler on a console beyond the footwell. Use our foot control steering kit to complete your installation, and be sure to purchase a spare propeller in the rare case the super durable propeller becomes damaged on your trip.

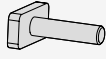
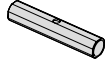
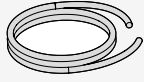
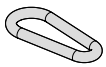
1.1 In the Box

Open the product packaging and inspect for any shipping damage. Verify the completeness of the product kit against the following list. If shipping damage or missing items are found, contact your dealer immediately.

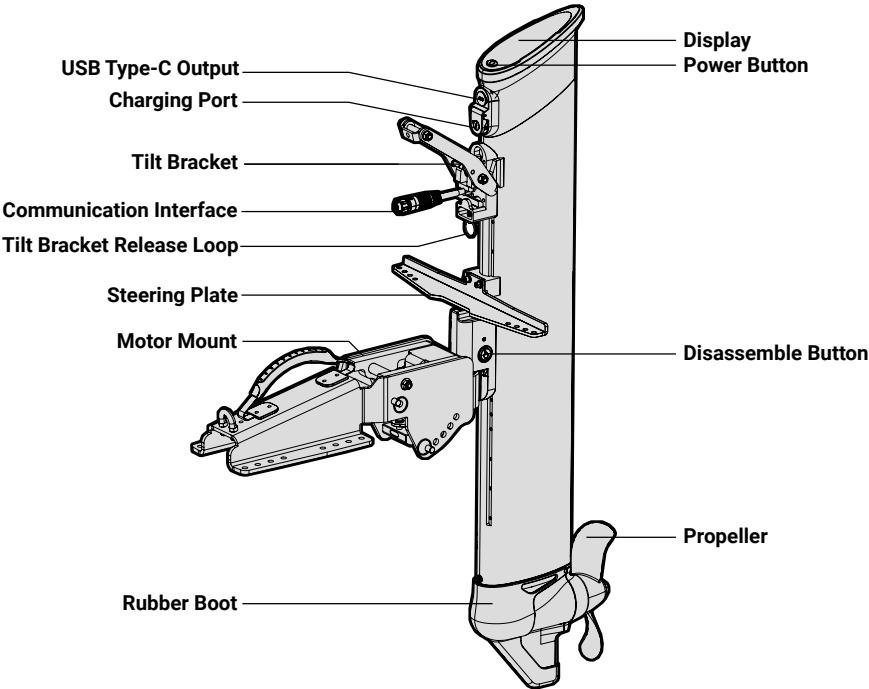
Serial Number and Installation Package Name	Item Description	QTY	Picture
1	kLite 750 Body	1	
2	kLite 750 Mounting Mount	1	

Serial Number and Installation Package Name	Item Description	QTY	Picture
3 Body Mounting Mount Kit	1/4-20x5/8" Screw	4	
	1/4" Flat Washer	4	
	1/4-20 Lock Nut	4	
4	kLite 750 Steering Plate	1	
5	Steering Plate Mounting Base	1	
6 Steering Plate Install Kit	M4x30 Hex Socket Head Cap Screw Assembly, Black	2	
	M4x10x1 Flat Washer, Black	2	
	M4x40 Carabiner	2	
7	Smart Display 3.5"	1	
8	Smart Display 3.5" U-shaped Mounting Bracket	1	
9	Smart Display 3.5" Screen Hood	1	

Serial Number and Installation Package Name	Item Description	QTY	Picture
10 Display Install Kit	1/4" Through-Hole Thumb Nut, D25	2	
	1/4-20*1" T-bolt	2	
	M4x8 Thumb Screw, M4 Flat Washer	2	
11	Kayak Throttle	1	
12 Throttle Install Kit	Kayak Throttle Kill Switch	2	
	1/4-20*3/4" Screw	2	
	1/4-20 Nut	2	
13	eLite Charger	1	
14	EP-CAN Cable 3m	1	
15	EP-CAN Cable 1.5m	1	

Serial Number and Installation Package Name	Item Description	QTY	Picture
16	One Motion Motor Lift Cam Cleat	1	
17 Cam Cleat Install Kit	1/4" Through-Hole Thumb Nut, D25	2	
	1/4-20*1" T-bolt	2	
18 Lift Cord Install Kit	T-handle	1	
	Kayak Motor Lift Cord 5m	1	
	M4x40 Carabiner	1	
	3mm Hex Key, S2 Alloy Steel, 127x23mm	1	
19	User Mannul	1	
20	In The Box	1	/
21	Silica Gel Desiccant	1	/

1.2 Parts and Diagram



1.3 Specifications

Product Name	kLite 750
Model	kLite 750
Rated Input Power	500 W
Peak Input Power	750 W
Rated Input Voltage	25.2 Vdc
Input voltage range	19.3 Vdc - 29.4 Vdc
Weight	motor 6.5kg, motor mount 2.3kg, total 8.8kg
Shaft length adjustment range	max: 375mm min: 98.5mm
Dimensions (Length * Width * Height)	308.5*300*895 mm(without bracket clamp) 600*300*895 mm(with bracket clamp)

Product Name	kLite 750
Cooling Method	Natural water cooling
Rated Power Rotational Speed Range	1450-1800 rpm
Steering Angle	±70°
Tilt Angle	70°
Trim Angles	0°, 8°, 16°, 24°, 32°
Operating Temperature	-5 - 55°C
Storage Temperature	-20 - 45°C
Propeller	Two-blade propeller, diameter: 194mm
Battery Capacity	378 Wh
Battery Type	Built-in non-removable battery
Waterproof Rating	IP67

Product Name	eLite Charger
Model	XVE126-2940400
Input voltage	100-240V~ 50/60Hz
Input current	2.5A Max
Rated output voltage	29.4 V
Output current	4.0 A
Operation temperature	0°C to 40°C
Storage temperature	-20°C to 85°C
Certification	CE-EMC、ROHS

1.4 Important Notes Before You Start

1.4.1 Outboard Motor Selection

Follow the instructions of the boat manufacturer and authorized dealers of "ePropulsion Technology" to select a suitable outboard motor. Do not exceed the maximum allowable power and do not overload the motor.

1.4.2 User Requirements

1. This product may only be operated by adults who have thoroughly read and understood this manual. Carefully review the complete user manual before operation. The user assumes full responsibility for all use and operation of this product, including any damage or malfunction resulting from failure to follow this manual.
2. This outboard motor should only be used when you are familiar with all aspects of operating a boat. If this is your first time using a boat, you should understand its behavior under various conditions, including tides, wind, and waves. Seek professional advice and guidance when necessary. If you have any questions about operating the outboard motor or the boat, consult your dealer before use.

1.4.3 General Boating Recommendations

Before operation:

1. Before operation, familiarize yourself with all functions and controls of this product. Ensure at least one other person on board is sufficiently familiar with the vessel and its systems to take over in an emergency.
2. Check weather conditions and consult forecasts before boating. Avoid boating in severe weather conditions.
3. Verify the presence and operability of adequate safety equipment, including but not limited to: life jackets, buoyancy aids or other personal flotation devices, fire extinguishers, bells, communication devices, and paddles.
4. Verify that the vessel and equipment comply with local safety regulations.
5. If the outboard motor is the vessel's sole source of power, ensure the battery has sufficient charge for your round trip. Calculate the distance and battery consumption for that distance, accounting for wind, tides, and other variables that may affect your journey.
6. Always report your navigation plan to family, friends, and relevant authorities.
7. Never operate an outboard motor after consuming alcohol or medication. Approximately 50% of boating accidents are alcohol-related.

During Operation:

1. All crew members must be equipped with and wear PFDs (Personal Flotation Devices, such

as life jackets or buoyancy aids). PFDs must be worn at all times while boating.

2. The operator must always wear the kill switch lanyard (kill switch) by securing it to a safe location on the wrist, ankle, or clothing (buoyancy aid, jacket, etc.). If the operator falls overboard (or accidentally leaves the helm), the lanyard will pull the kill switch from the throttle and stop the outboard motor.
3. Be vigilant for other boats, swimmers, and objects in the water. Exercise extreme caution near harbors, shorelines, or beaches, and avoid swimming areas whenever possible.
4. Immediately stop the outboard motor if someone falls overboard or in the event of a collision.

1.4.4 Special Precautions

1. If the outboard motor collides severely with an object in the water, stop operation immediately. Inspect the outboard motor for damage. If you believe it is safe to operate, return slowly to the nearest port. If you believe operation is unsafe, seek assistance and towing. In the above situations, the motor must be inspected by an authorized dealer of ePropulsion Technology before the next use.
2. The outboard motor must only be operated with the propeller submerged. Running the propeller out of the water is strictly prohibited.
3. Do not leave the outboard motor in the water if the vessel is powered by other means, such as sails.
4. After using the outboard motor in saltwater, promptly rinse it with fresh water.
5. Always keep the charging port securely closed. Clean all electrical contacts with an electronic contact cleaner every two months.
6. After use, lift the outboard motor above the water surface.
7. If the outboard motor malfunctions, the display will show an error code. Refer to the corresponding solution in this manual.

1.5 EU Declaration of Conformity

We Guangdong ePropulsion Technology Limited, hereby, declares that this equipment is compliance with the applicable Directives and European Norms, and amendments.

Object of the Declaration:

Product: Electric Outboard Motor

Model: kLite 750

The object of the declaration is in conformity with the following directives and regulation:

Recreational Craft Directive (RCD) 2013/53/EU

Electromagnetic Compatibility (EMC) Directive 2014/30/EU

Restriction of Hazardous Substances Directive 2011/65/EU and Delegated Directive (EU) 2015/863

EC REACH Regulation (EC 1907/2006)
Regulation on General Product Safety 2023/988

Applied Standards:

ISO 16315:2016
EN IEC 55014-1: 2021
EN IEC 61000-3-2:2019+A2:2024
EN 61000-3-3:2013+A2:2021
EN IEC 55014-2: 202



This declaration of conformance is issued under the sole responsibility of the manufacturer:
Guangdong ePropulsion Technology Limited.

Address: Room 801, Building 1, 11 Daxue Road, Songshan Lake, Dongguan, Guangdong Province, China

Signature:  **Date:** 2026.6.15
Shizheng Tao, Chief Executive Officer & Co-founder of Guangdong ePropulsion Technology Limited

1.6 FCC Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference

1.7 Disposal and environment

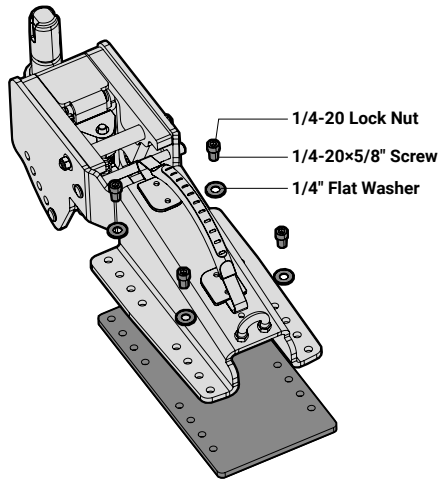


This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

2 Installation

2.1 Installation of the Motor Mount

The motor mount attaches to the four bolt pattern available on many fishing kayaks. Use the 1/4-20 stainless steel bolts and washers provided to attach the base to the kayak. The motor mount has a post, or male half of the quick release design. The motor has the female half of the quick release design and slides down onto the motor mount post before use.



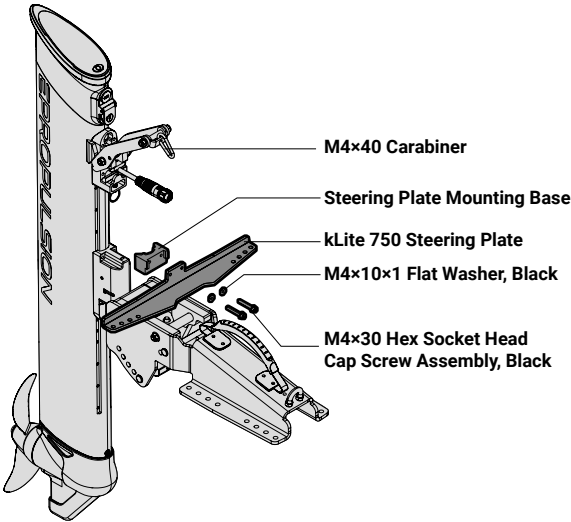
If your kayak does not have four threaded 1/4-20 inserts in this configuration, find an adapter plate that allows for the installation of the base.

2.2 Steering Setup

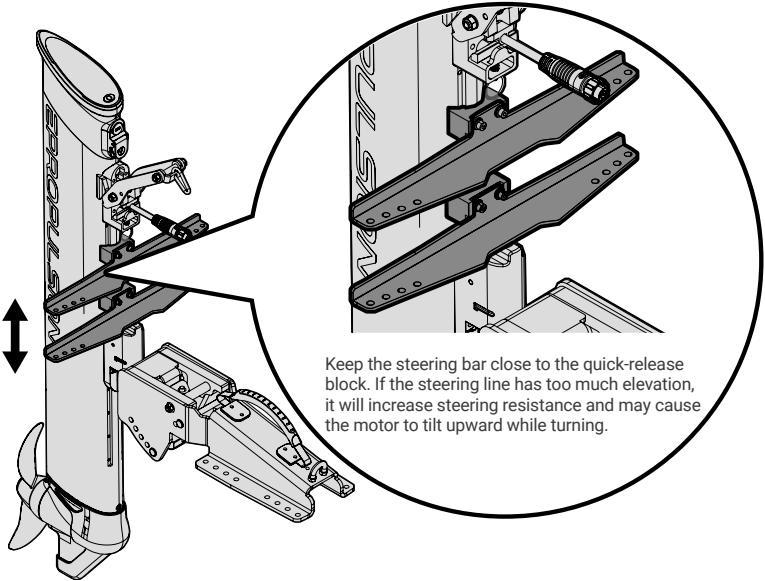
Foot control steering kit

- Purchase our Foot Control Steering Kit to complete the motor steering portion of the installation. A 3rd-party foot control steering kit also works with kLite 750. It includes steering cord, tubing to install in the hull of rotomolded kayaks, carabiners, sliding foot pegs and tracks that the sliding foot pegs reside inside of.
- When installing tubing in the hull of your kayak, you will need to drill holes to plumb the tubes through.
- Be sure to choose locations of these holes that allow the steering lines to run as straight as possible. Consider obstructions inside the hull such as molded in cup holders, scupper posts and the overall shape of the rear well.
- If you do not feel comfortable drilling holes, running tubing and mushroom shaping the ends of the tubes, consider watching our video on this procedure.
- If you still do not feel confident in your ability to perform this part of the installation, consider having a kayak rigging shop complete the installation for you.

Steering bar



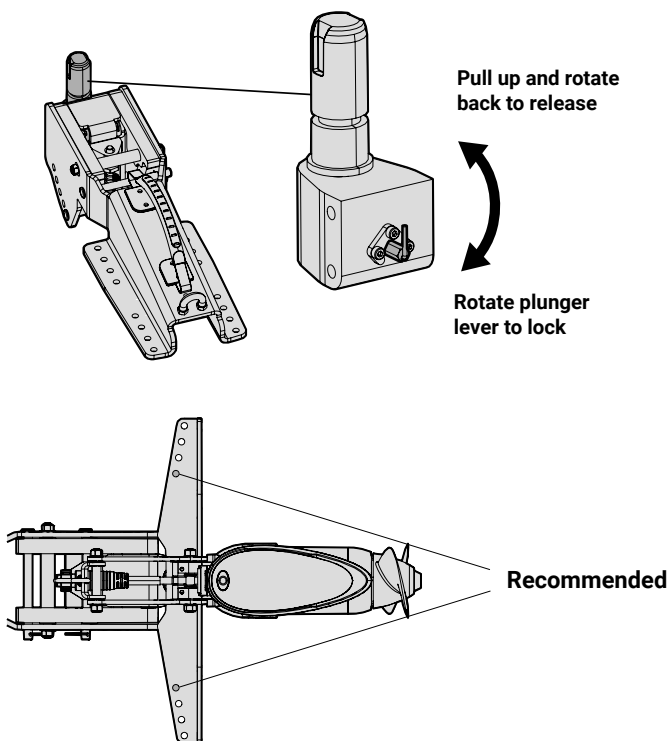
Similar to adjusting the position of the quick release block, you can adjust the position of the steering bar. The steering bar should be positioned immediately above the quick release block. You will adjust both of them at the same time, using the same Allen key and attachment hardware.



If you plan on going out in deep water areas with wind driven waves and boat wakes, we recommend that your propeller be positioned deeper. This deeper propeller position maintains bite on the water when your kayak rides up and over waves. Adjust the steering bar and female block of the quick release high on the motor body.

If you plan on using your kLite 750 in shallow areas, you should adjust the steering bar and female block of the quick release low on the motor body. This will position your propeller shallower. Bring the allen key provided with you the first time you use the motor, so that you can make a fine tune adjustment of the position of these components, and thus the depth of your propeller.

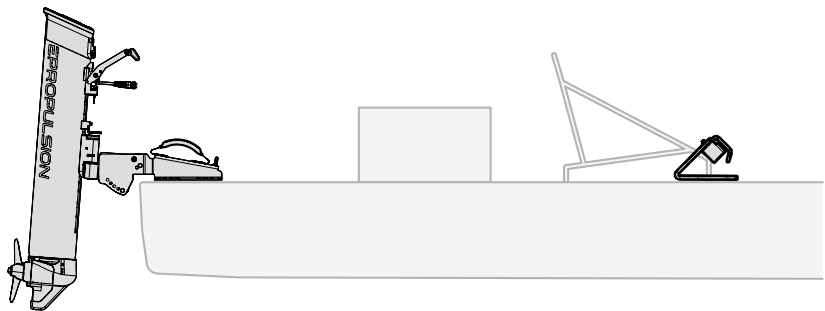
To prevent the motor from rotating left and right during the steering cable installation, we have designed a Heading Lock feature. Before installing the steering cable, rotate the plunger lever to lock the heading. Once the installation is complete, pull up the plunger lever and rotate it back to release the lock.



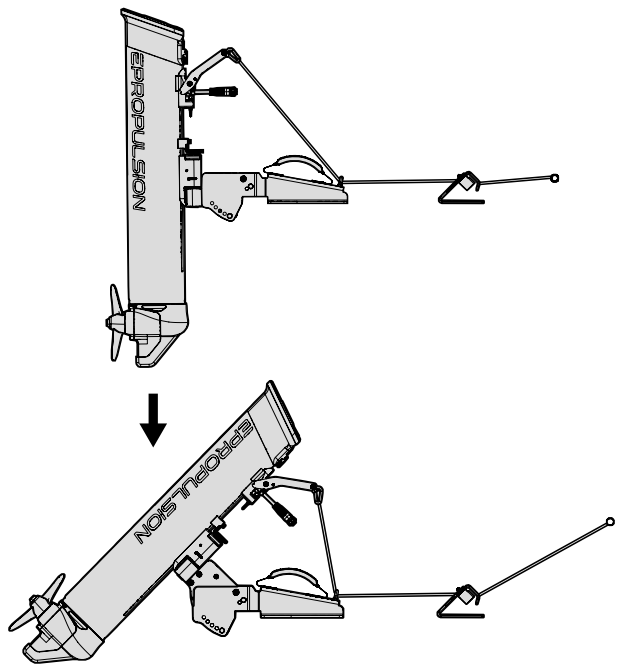
- The steering bar has four holes to attach the steering line carabiner to each side. We recommend the innermost holes for the most sensitive steering. This will allow the range of movement of your foot in rotating the motor to be minimized.
- If you feel that more powerful steering is needed, select the outer holes. You will attach the steering lines to both sides of the steering bar each time you put the motor on the kayak.
- Even up the foot pegs, line up the taught steering line to the desired steering bar hole, subtract the distance of the length of the provided carabiners and attach the carabiner to the end of the steering line with an improved clinch knot. Now you will be able to quickly clip the lines on with the carabiners.
- The steering line and knots will stretch and break in some with use, so you may need to re-tie this knot if your sliding foot peg range of motion is outside of the room available in the foot well.

2.3 Motor Lift Setup

The motor lift function should be swift and simple. To set up the motor lift line, you will want to consider where the cleat should be. A mounting location near the hip, close to the seat provides good ergonomics and allows an easy pull, similar to a bicep curl.

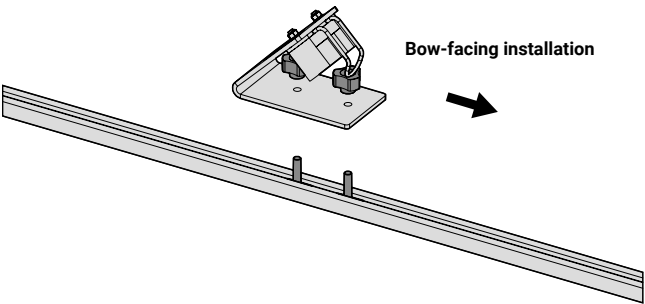


The one-pull cleat design allows you to grab the T-handle with one hand, pull forward and upwards, then drop the handle quickly to grab a paddle to propel and steer the kayak manually in shallow water. This operation should only require the use of one hand. Releasing the motor back down into the water requires a sharp tug downward towards the track. Again, this will be a one-handed operation, as you will likely be picking up a fishing rod with the other.

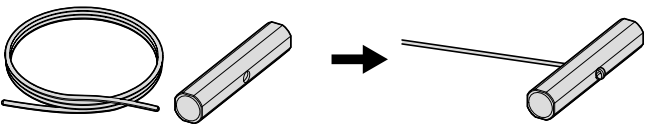


Install the cleat on track, using the provided hardware. The side of the cleat with the hole in the frame should face backwards, towards the motor. The side of the cleat with the U-shaped bar will face forward.

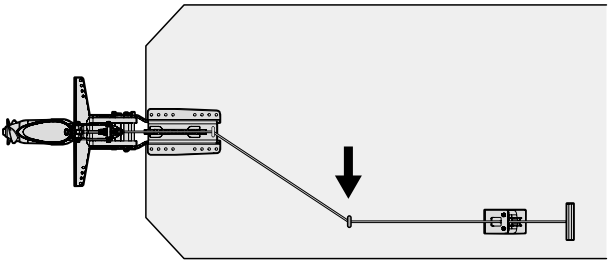
If you prefer a pull towards yourself motion, instead of a bicep curl motion from the hip, the cleat can be reversed and placed on the track in front of the seat. You will need to install a pulley or stainless steel eye bolt to reverse the direction of the line somewhere forward of where you install the cleat. This configuration will work, but is not recommended, as it puts additional entanglement hazards across the area where you get into and out of the kayak.



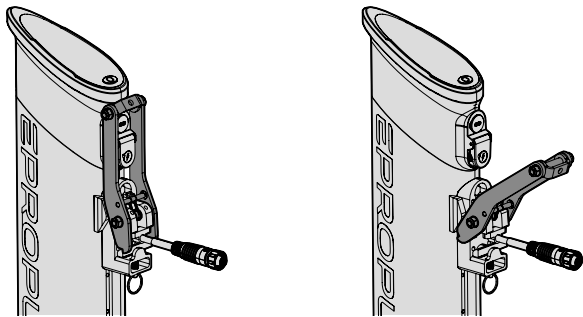
Push one end of the motor lift line through the center hole of the T-Handle until the line emerges out of one side of the T-Handle. Tie an overhand knot, and pull the knot back inside the T-Handle. Run the line through the teathed cam wheels towards the motor.



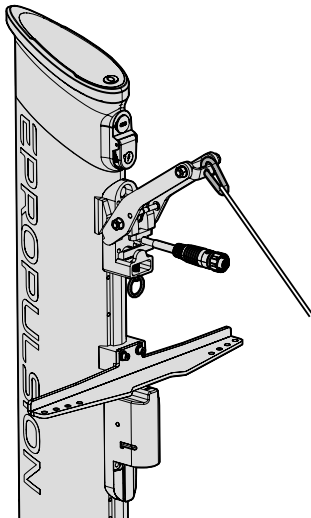
You may want to consider installing a track mounted eye bolt, to route the motor lift line around items in your rear well like batteries and tackle boxes. Run the line through any necessary eye bolts (not provided), through the stainless steel loop at the front of the motor mount, through a carabiner (don't tie it), and back through a hole in the motor mount frame near the stainless steel loop.



The loose carabiner will be used as a pulley with this "up and back down" line routing. Clip the carabiner to the centered hole in the motor lift bar apparatus. This apparatus will close flush to the motor and battery body during transport.

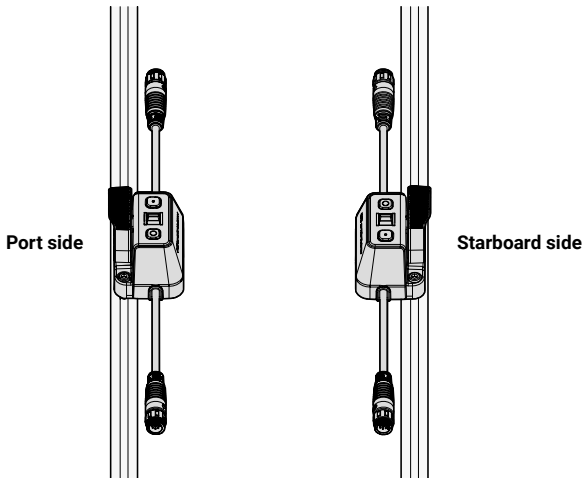


To deploy the motor lift bar apparatus, pull downward on a small split ring at the base of the motor lift bar apparatus. The motor lift bar will pop outward in a position that makes the motor orient with centered steering during the motor lift and deploy procedure. Without this motor lift bar extending forward, the motor will flop to one side in the lifted position, and will remain in that position when you deploy or lower the motor into the water. This can be problematic when trying to center your steering lines after you lower the motor. Close the motor lift bar flush with the motor and battery housing at the end of your trip.

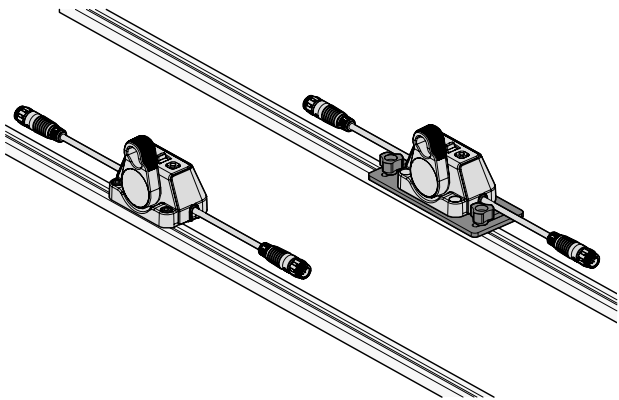


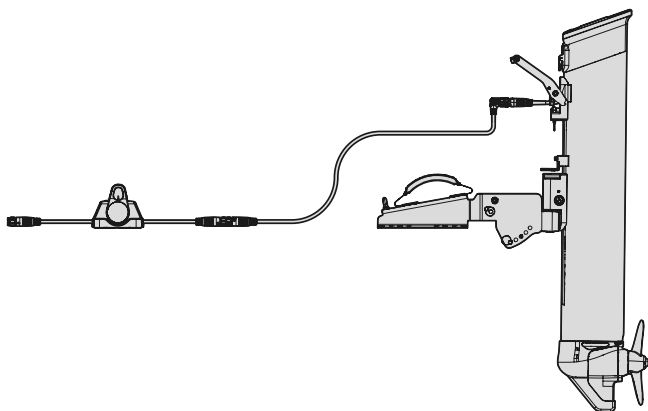
2.4 Installation of the Throttle

The throttle supports installation on either the port or starboard side, and its positioning is a critical factor in optimizing the user experience.



Most of our customers are kayak anglers. As anglers, we have a dominant hand in which the fishing rod is held. Your throttle should be positioned opposite that dominant rod holding hand. Sit in the kayak. Let that non-rod holding hand swing downward toward the boat. Wherever that hand nears the hull is where your throttle should be positioned. If you need to constantly reach forward or around something to operate the throttle, your experience using the kLite 750 will be diminished.

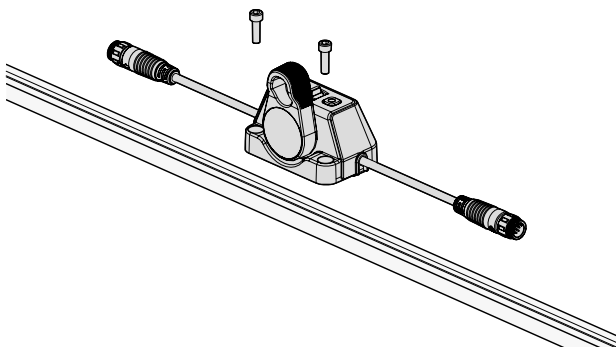




You will have two different options when installing the throttle: 1. Direct mount to track 2. Use of the throttle mounting plate.

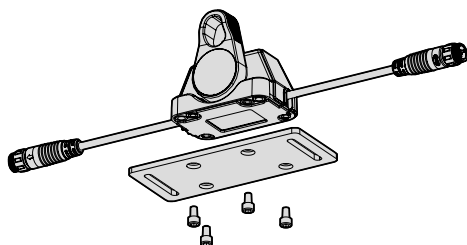
1. Direct mount to track

Mount the throttle onto the guide rail by placing a nut inside the rail and securing it with a top screw.

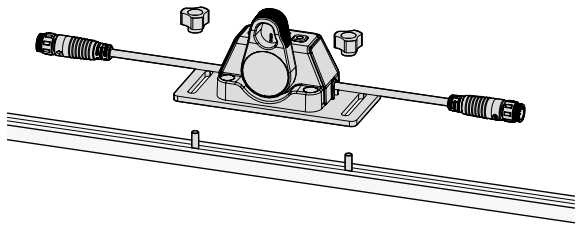


2. Use of the throttle mounting plate

Step 1: Attach the throttle baseplate to the throttle and tighten the screws until the baseplate sits flush against the throttle.



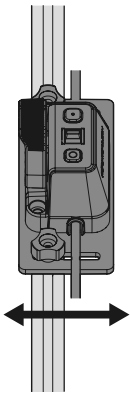
Step 2: Mount the throttle (with the baseplate attached) onto the track using the hand knobs.



The throttle mounting plate provides a side to side adjustability when installing on existing track locations. Choose one of these options, and use the provided hardware to attach and position your throttle to the optimal position.

You may also choose to attach your throttle mounting plate to a third party throttle mount. This may be helpful if you require the throttle in an elevated position, or need quick position adjustment to match changing the seat from the low to high positions or vice versa.

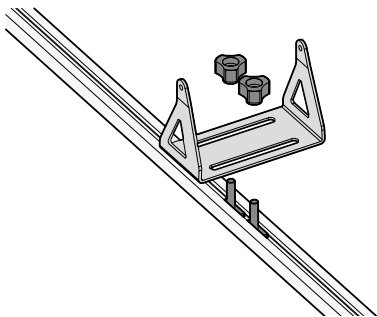
Most kayaks have factory installed track near the seat. If your kayak does not have track close to where you would like to place the throttle, consider installing aftermarket track to ensure proper placement of the throttle.



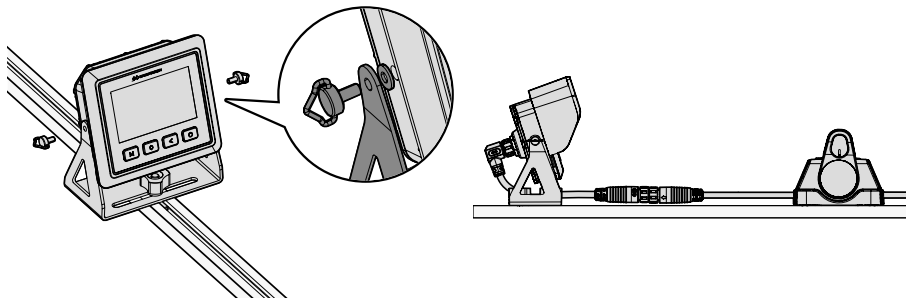
2.5 Installation of the Display

The display monitor will tell you important information about the motor; Watt draw, remaining battery percentage, engagement of Boost Mode, recharging status and more. Having the option to place this visual aid in a position forward on the kayak keeps the user from constantly looking down and back up again while fishing and using the motor simultaneously. Some users will choose to place it close to the throttle, because that's where they are used to seeing it. But consider all the different positions available with this independent display.

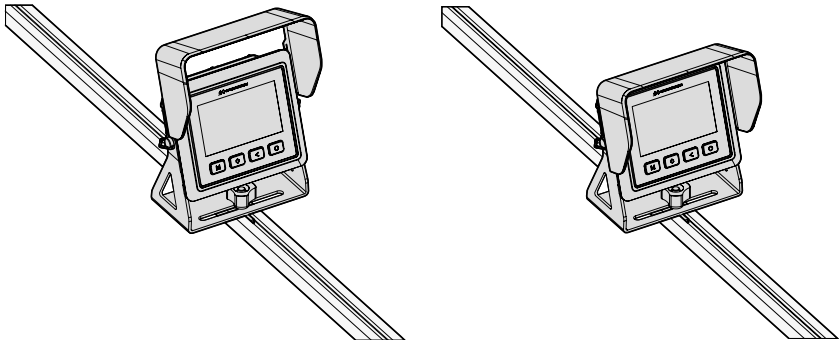
The mounting bracket will be installed on any track with the provided hardware. Once the monitor mounting bracket is installed where you would like it, thread the data cable onto the back of the monitor, and slide the monitor onto the bracket, aligning holes.



Use the knobs in those holes to secure the monitor onto the mounting bracket, and adjust the up and down angle of the monitor to your position. You can also adjust the angle of the bracket and monitor side to side, thanks to the slotted design of the bracket base.



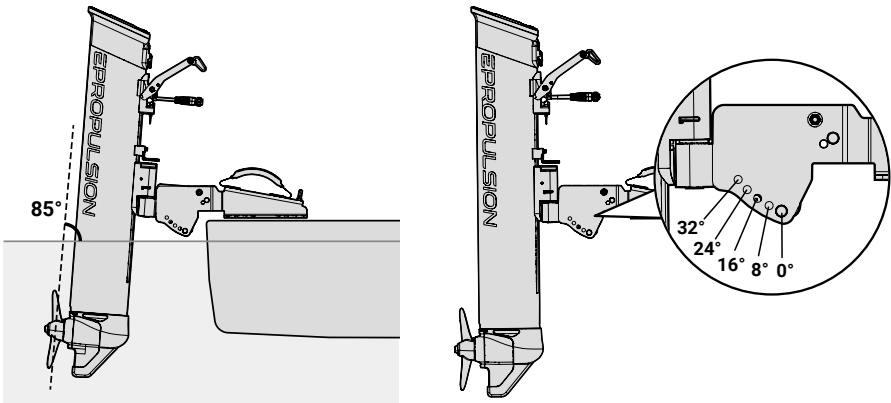
Install the sun shield hood on the monitor and enjoy clear visual feedback of your motor's operation.



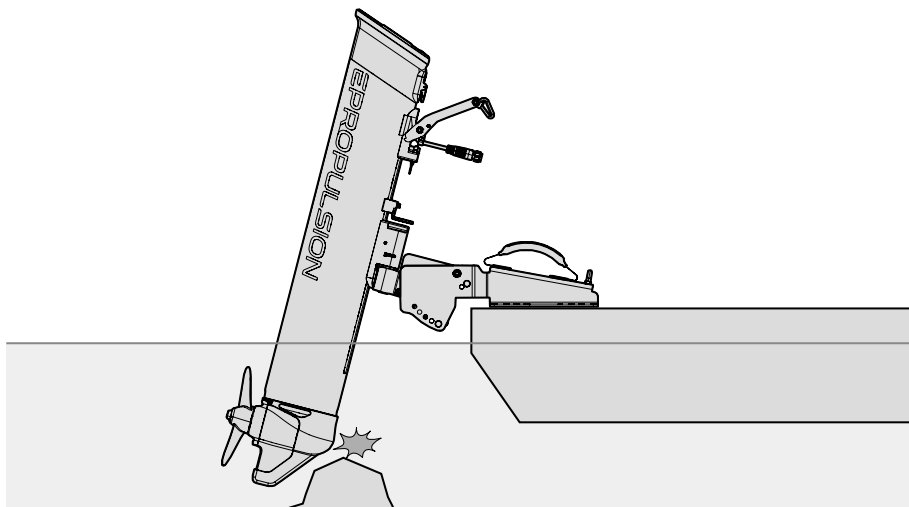
3 Features & Control

3.1 Motor Mount

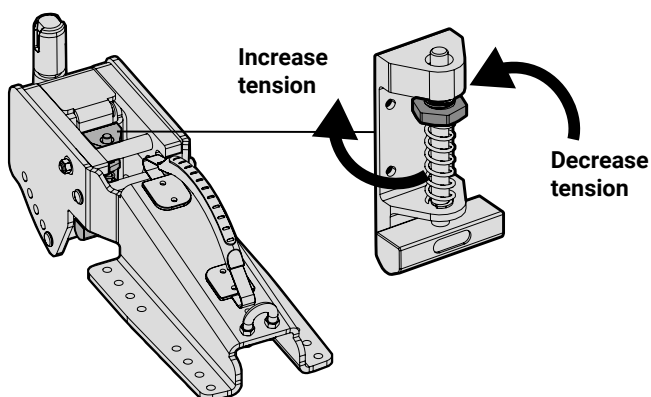
Each kayak sits at a different angle in the water based on the hull design and how much gear is loaded in it and how that weight is distributed. As such, the angle of the mounting surface of the four bolt pattern will be different. To position the angle of the motor and propeller for optimal performance, your goal should be to have the propeller angle at an 85 degree angle to the water's surface. The propeller should provide thrust slightly towards the surface at low speeds. At higher speeds, the kayak will "stern squat", and the propeller thrust will be straight backwards, or parallel with the surface of the water. To set these angles, use the trim adjustment pin and try several positions. Ask a friend to look at the motor angle while you are in your kayak with the full gear load you intend on carrying. The angle of the motor at rest should be backwards at a 5 degree slant. Move the trim adjustment pin around in different positions until this is fine tuned. Doing this will result in optimal speed and range performance.



The motor mount is equipped with a spring loaded reverse gear mechanism. If your motor strikes an underwater object while travelling forward, the motor will kick up. If you wish to go in reverse, there are no cords to pull or levers to engage to facilitate this reverse operation. The spring loaded pin will click past the trim adjustment bar when the motor was moving the kayak forward. Ease into reverse, then gradually increase the reverse throttle setting, and you will enjoy quite a bit of reverse thrust before the motor kick up function occurs. If you do abruptly use a higher reverse throttle setting, the spring loaded pin will jump over the trim adjustment pin, and the motor will jump up out of the water. Go easy, increase the reverse power slowly, and the reverse will hold.

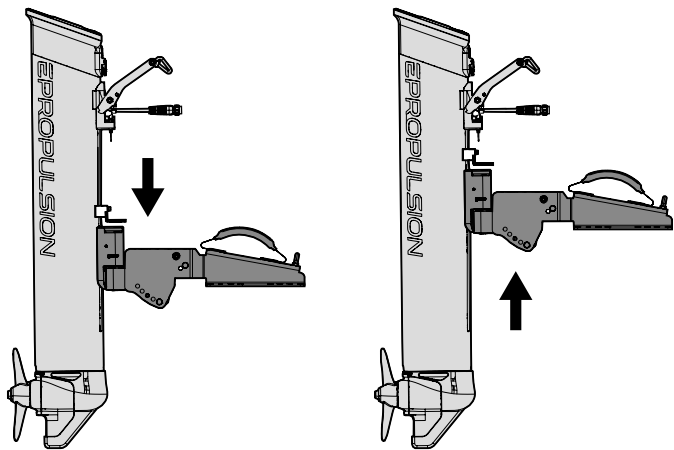


The amount of tension that the spring exerts on the trim adjustment bar is adjustable. In other words, you can make the motor kick up function and reverse lock hold easier or harder to engage. The adjustment is made with a hexagonal nut below the spring. While facing the motor mount from the front, turn this nut clockwise to increase tension, which requires larger force to disengage, and counterclockwise to decrease the tension. Adjusting it too stiffly will result in a more difficult motor lift effort on your part. Keeping it light enough to allow moderate reverse use by easing into it ensures an easy motor lift break away, and a generously high reverse throttle setting. Again, ease into it.



3.2 Shaft Length Adjustment

Setting your propeller at the optimal depth is a critical step in ensuring you are as happy as possible using the motor. If the propeller is set too shallow, the propeller will ventilate or sputter. This makes noise that scares fish and is an inefficient use of the motor's power. If the propeller is set too deep, and the user frequents shallow water, the motor will need to be pulled up more often than necessary. Take the time to match the propeller depth to your specific kayak and your preferred fishery type: shallow water fisheries or big water. This means taking tools with you the first time you use the motor to change the position of the quick release block on the motor body. The motor body has a full range of threaded holes that correspond to a wide range of depth adjustment needs. Use the allen key provided to remove the four sets of bolts and washers securing the block to the body. Choose a different position and reinstall the block in the new position. Try the motor in that new position. You will want to hear a clean acceleration of the propeller. If you hear a sputtering noise and notice a lack of thrust, the propeller needs to be deeper. Readjust as needed.



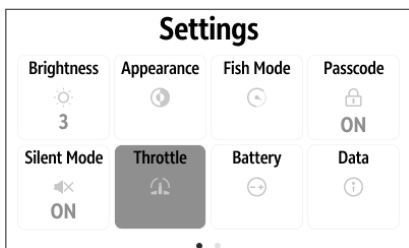
3.3 Throttle

3.3.1 Power Control

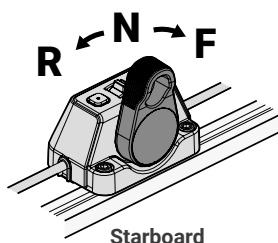
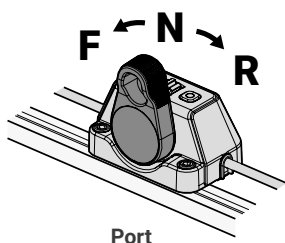
Press and hold the power button to turn the system on or off.

3.3.2 Port or Starboard Installation

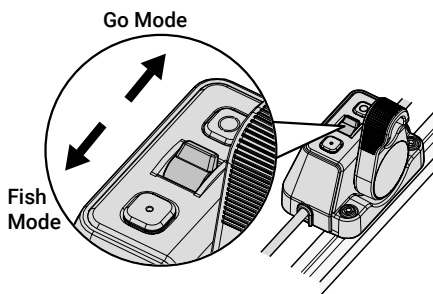
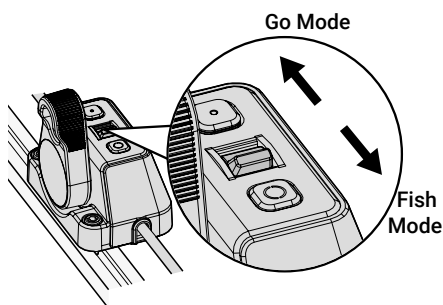
The system defaults to port-side throttle installation, as shown below. If installed on the starboard side, you must synchronize the installation direction in the display settings to ensure the forward/reverse throttle functions properly.



3.3.3 Gear Control



3.3.4 Mode Switching



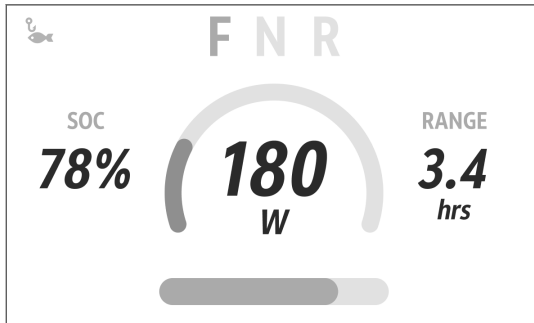
- **Go Mode**

Maximum output power is 500W (rated power).

- **Fish Mode**

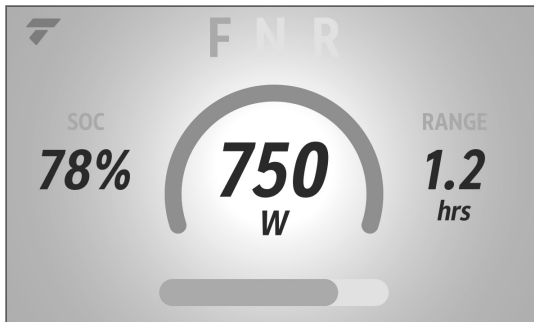
Fish Mode allows users to control the boat's movement with smoother and more precise throttle inputs. The default maximum output power in Fish Mode is 200W, but it can be customized via the display. For more details, please refer to [3.4.3 Settings] in this manual.

Once Fish Mode is activated, the corresponding icon will appear in the upper-left corner of the display, as shown below.



• Boost Mode

While the system is powered on, quickly double-press the power button on the throttle to enter Boost Mode. Double-press again to exit. Boost Mode allows the motor to operate above its rated power for a certain period. Provided the battery status permits, the maximum output power can reach 750W. However, the actual output power depends on the current battery level, temperature, and overall system status.

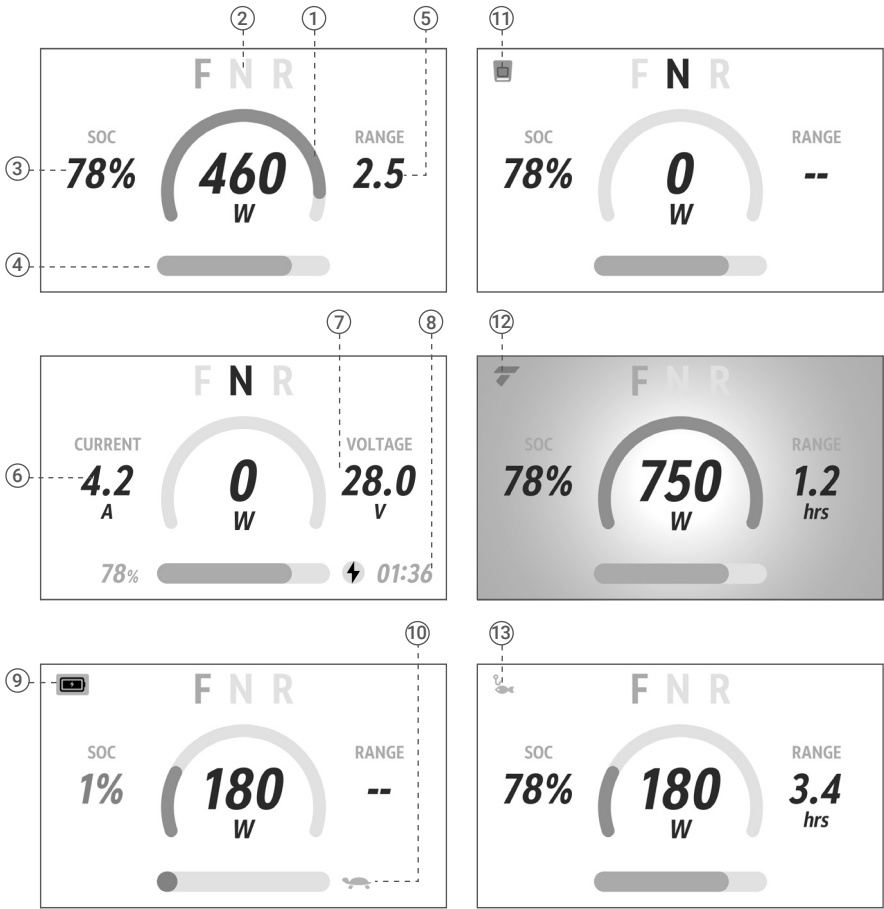


Boost Mode will automatically exit under the following conditions:

1. A system fault occurs.
2. The safety switch is detached.
3. The system enters the Safety Switch Lost Mode.
4. Fish Mode is activated.

3.4 External Display

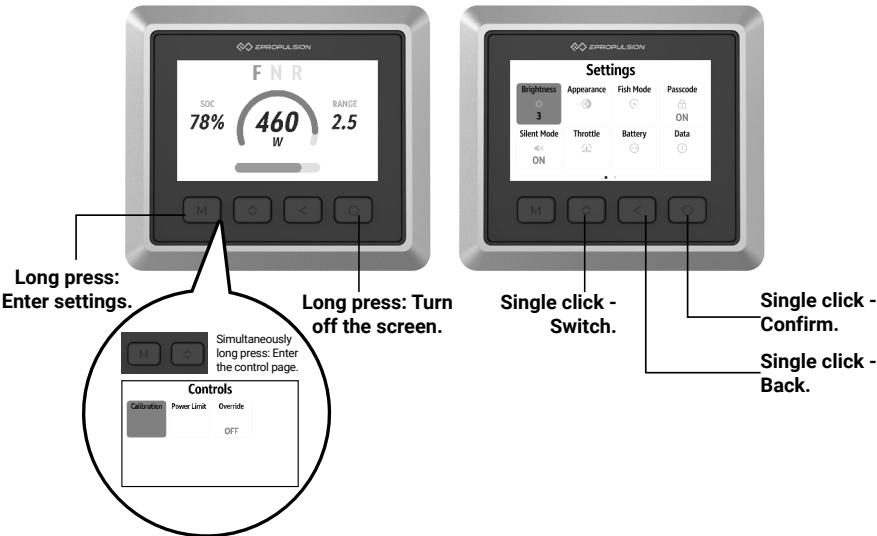
3.4.1 Home Screen



No.	Feature	Description
1	Power	Displays real-time output power.
2	Gear	F: Forward N: Neutral R: Reverse
3	SOC	Displays current battery level.
4	Battery Bar	Displays current battery level.
5	Range	Estimates remaining runtime based on current battery level.
6	Charging Current	Displays current charging current.

No.	Feature	Description
7	Charging Voltage	Displays current charging voltage.
8	Remaining Charge Time	Estimated time remaining for full charge.
9	Fault Icons	The corresponding fault icon will appear when a fault occurs in the system, battery, motor, or throttle.
10	Limp Mode Icon	Indicates that the battery is depleted and the system has entered low-power limp mode. Please return to shore at a low speed as soon as possible.
11	Safety Switch Icon	The icon blinks when the safety switch is detached. The icon stays solid when the system is in Safety Switch Bypass Mode (Lost Mode).
12	Boost Mode Icon	Double-press the power button on the throttle while in Forward (F) or Neutral (N) gear to enter or exit Boost Mode. When the entry is successful, the icon stays on.
13	Fish Mode Icon	Displayed when Fish Mode is activated.

3.4.2 Display Buttons



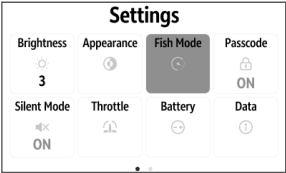
3.4.3 Settings

Press and hold the "  " button on the home screen of the display to enter Settings.



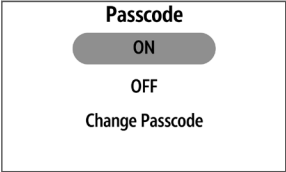
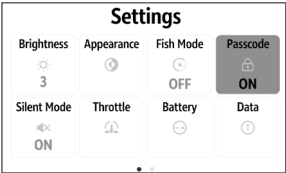
Settings	Description
Appearance	Supports switching between Light and Dark modes.
Brightness	Supports 3-level screen brightness adjustment.
Fish Mode	Allows you to set the maximum output power for Fish Mode.
Passcode	Allows you to set a startup passcode. The passcode is required to operate the device after powering on.
Slient Mode	When enabled, the throttle will no longer emit any alert tones. This includes tones for power on/off, gear shifts, and system faults.
Throttle	Sets the throttle installation side (Port or Starboard). Please configure this according to your actual installation.
Battery	Allows you to view detailed battery parameters.
Data	Displays the total runtime.
Version	Displays the hardware and software version numbers of the system modules.

Fish Mode

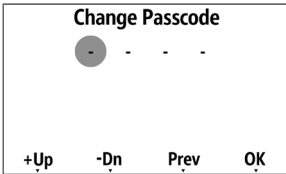


- 1. Press the "0" button to enter Fish Mode.
- 2. Press the "0" button to enter edit mode.
- 3. Press the "◀" button to toggle the value.
- 4. Press the "0" button to confirm and complete the setting.

Password



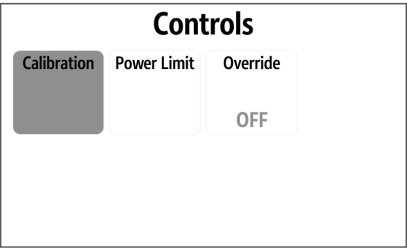
- 1. Press the "0" button to enter the Password menu.
- 2. Press the "◀" button to toggle ON/OFF.
- 3. Press the "0" button to confirm.



- 1. Enter Password Setup
- 2. Use the "M" button and the "◀" button to enter the numeric passcode. Short press the "◀" button to move back to the previous digit, and press and hold the "◀" button to exit the Password Setup page.
- 3. After entering the 4-digit passcode, press the "0" button to enter the confirmation page.
- 4. The passcode is successfully set once the second entry matches the first.

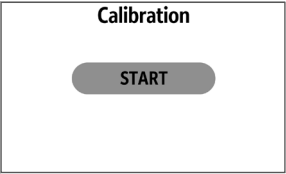
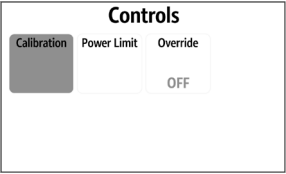
3.4.4 Controls

On the display home screen, press and hold the "M" button and the "◀" button simultaneously to enter Controls.

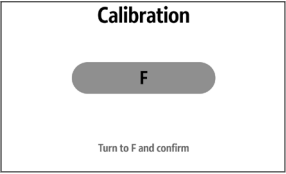


Calibration

If a throttle malfunction occurs, you can manually calibrate the throttle.



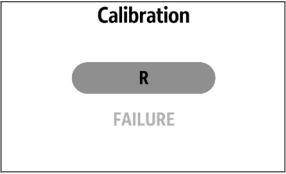
- 1. Enter the Calibration menu.
- 2. Press the "  " button to start calibration.



- 1. Rotate the throttle handle to the maximum forward (F) position, then press the "  " button to confirm.
- 2. Rotate the throttle handle to the neutral (N) position, then press the "  " button to confirm.
- 3. Rotate the throttle handle to the maximum reverse (R) position, then press the "  " button to confirm.

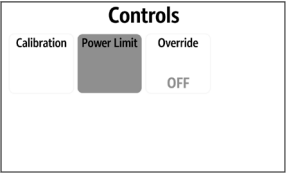


- 1. A prompt will indicate whether the calibration was successful or failed.
- 2. Press the "  " button to return to the Settings menu.

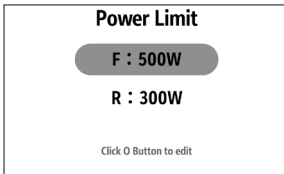


Power limit

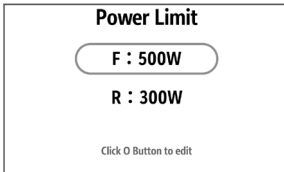
Allows you to set the maximum output power for forward and reverse.



- 1. On the home screen, press and hold the "  " button and the "  " button simultaneously to enter the Controls menu.
- 2. Press the "  " button to enter the Power Limit option.



1. Press the "  " button to select the power limit setting for the Forward (F) or Reverse (R) gear.
2. Press the "  " button to confirm and enter the power setting for the F or R gear.

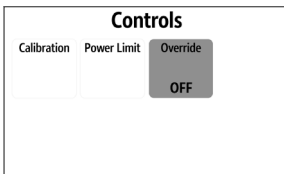


1. Press the "  " button to adjust the power limit value.
2. Press the "  " button to confirm the set value.

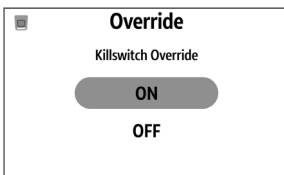
Override

If the safety switch is lost, you can enable the Safety Switch Lost Mode as an emergency measure. In this mode, you cannot enter Boost Mode. The Safety Switch Lost Mode will automatically exit after the device is powered off.

You can enable the Safety Switch Lost Mode through the display settings. Here's how:



1. On the home screen, press and hold the "  " button and the "  " button simultaneously to enter the Controls menu.
2. Press the "  " button to enter the Safety Switch Override option.

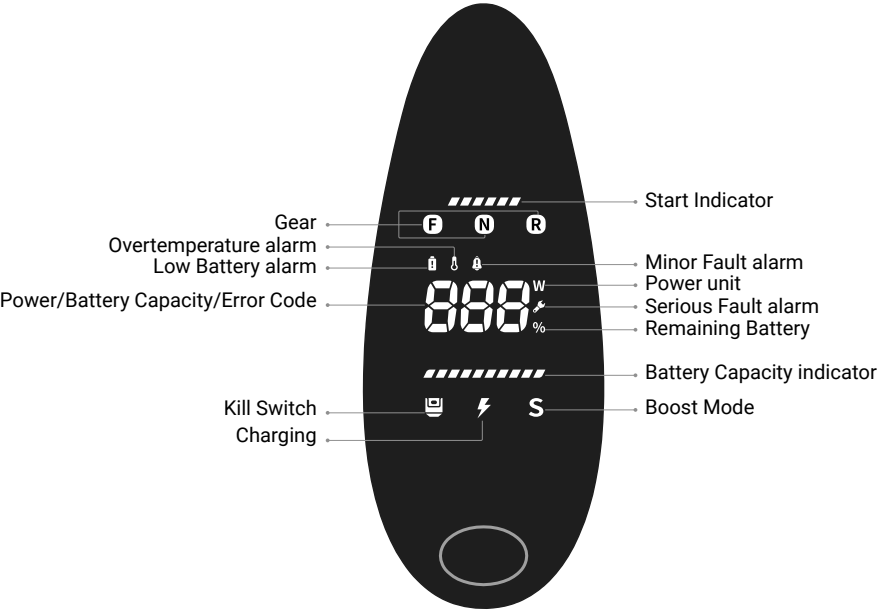


1. Press the "  " button to select ON or OFF for the Safety Switch Override Mode (Lost Mode).
2. Press the "  " button to confirm, and the system will automatically return to the Settings menu.

With the unit powered on, you can also enter Safety Switch Lost Mode by pressing and holding the power button for 6 seconds.

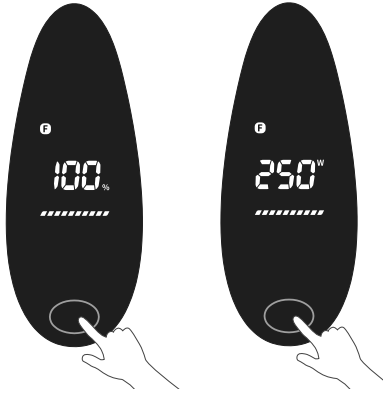
3.5 Top Display

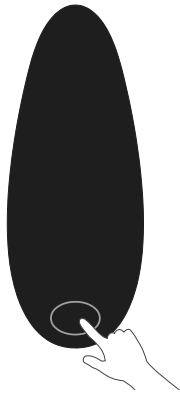
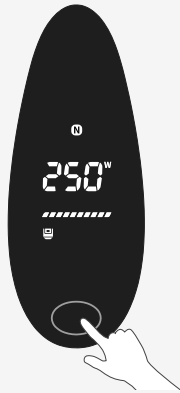
3.5.1 Display Panel



3.5.2 Power Button

Items	Function	Figure
Quick press power button when power is off	Check remaining battery level	

Items	Function	Figure
Long press power button for 2s when power is off	Power on	
Press power button when power is on	Switch main numerical display between motor power input (0-750W) and battery level (%). The battery level graphic underneath continues showing in either state.	
Press power button twice when power is on	Boost mode	

Items	Function	Figure
Long press power button for 2s when power is on	Shutdown	
Long press power button for 6s when power is on	Enter kill switch lost mode Kill switch lost mode is exited automatically if kill switch is in place.	

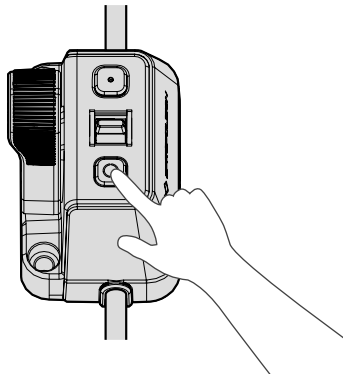
4 Operation

4.1 Checklist Before Start

1. Ensure the system is completely installed and all wiring connections are normal.
2. Extend the bracket for the trim tab pull cord.
3. Check the surrounding environment of the vessel to prevent collisions between the vessel or machinery and nearby objects.
4. Verify that the safety switch is properly positioned.
5. The throttle installation direction has been configured on the display screen. Please refer to Section [3.3.2 Port or Starboard Installation] in this document.

4.2 Starting and Stopping

Press and hold the throttle power button to start or stop the system with one touch.



4.3 Power Adjustment

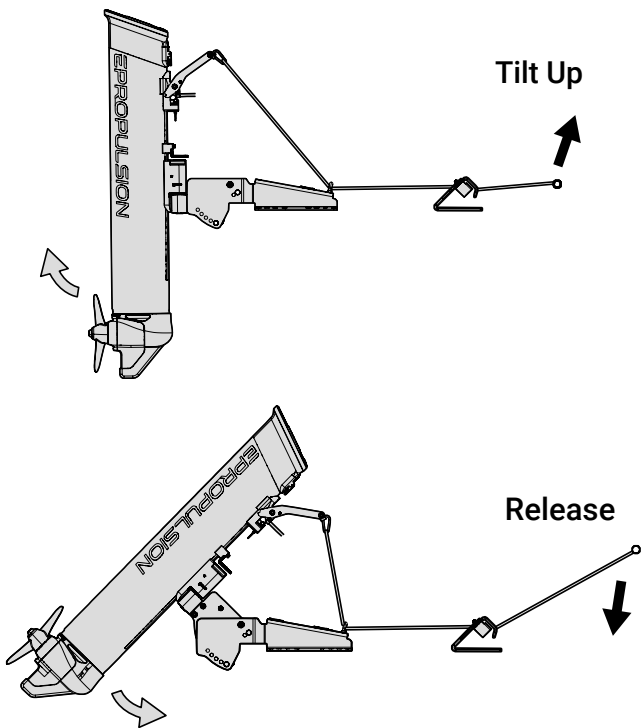
Push the throttle forward or backward to control the vessel's forward and reverse movement. The system supports three modes with different power outputs: Go Mode, Fish Mode, and Boost Mode. For details, please refer to Section [3.3.4 Mode Switching] in this document.

4.4 Emergency Stop

In case of an emergency, pull out the safety switch on the throttle to immediately cut off the system's power output.

4.5 Tilt Up and Release

Once the tilt rope is properly installed, pull it forward to tilt the machine up; push the rope downward to release and lower the machine.



4.6 Error Code & Indicator

Once the tilt rope is properly installed, pull it forward to tilt the machine up; push the rope downward to release and lower the machine.

Figure	Fault Type	Function / Description
	Battery Fault	When the battery level drops below 10%, the system will enter a power limit mode. The maximum power limit will vary depending on the remaining battery level.
	Motor Fault	In the event of an outboard motor fault, the system will enter a power limit mode with the maximum power restricted to 50%.

Figure	Fault Type	Function / Description
	Other Fault	If any other faults occur on the outboard motor, the system will enter a power limit mode with the maximum power restricted to 50%.
	Throttle Alarm	An abnormality has been detected during throttle operation.
Error Code EXXX	Critical error	In the event of a critical fault, the outboard motor will shut down immediately.

Fault Code		Fault Type	Fault Handling
External Display	Top Display		
E209/E202/ E403/E412	E21/E22/ E43/E52	Overheating	Stop using the machine and allow it to cool down. If the abnormality persists, please contact an authorized dealer.
E207/E313/ E400/E401	E27/E14/ E40/E41	Low Battery	Stop using the machine and charge the battery. If the abnormality persists after restarting, please contact an authorized dealer.
E210	E29	Propeller Stall	Check if the outboard motor propeller is entangled. Clear the entanglement. If the abnormality persists, please contact an authorized dealer.
Others	Others	/	Stop using the machine and restart it to check if it returns to normal. If the abnormality persists, please contact an authorized dealer.

4.7 Battery Level Alert and Power Reduction Strategy

At normal ambient temperatures (0°C ~50°C), the maximum output power of the motor under different battery levels is as follows:

(SOC%)\ Mode	Go Mode	Boost Mode
[50-100]	500W	750W
[10-50)	500W	600W
[0-10)	340W	340W

Additionally, a throttle buzzer warning will be triggered when the remaining battery level drops to 50%, 10%, and 1%.

5 Transportation and Storage

5.1 Removal Before Transportation

When it comes time to finish your trip, the break down of your kLite 750 is quick. Remove the carabiners from the steering bar, remove the motor lift carabiner from the motor lift bar apparatus and close the motor lift bar to be flush with the motor and battery body. Unscrew the throttle cable, and be sure to place the threaded cap onto the terminus of that cable. It helps keep dirt and moisture out of that important electrical connection. If you have used the Solar Charger and a 12 volt battery to recharge the kLite 750 battery while in use, now is the time to disconnect that cable from the charging port. To remove the motor and battery unit from the mount, push the circular blue button on the side of the quick release block while lifting straight upward on the motor/battery body.

6 Battery

6.1 AC-DC Charging

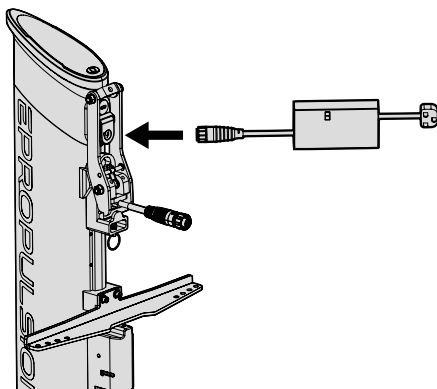
The kLite 750 is equipped with a 378Wh lithium battery that can be charged using an AC-DC charger. The AC-DC charger can fully charge the battery in 4 hours.

The charging steps are as follows:

Step 1: Press the power button to check the remaining battery level.



Step 2: Lift up the charging cover and connect the charger as shown in the figure below.



Step 3: Connect the charger plug to the socket. The charger indicator light will turn green, the outboard display will light up, and it will display the remaining battery level and charging icon, as shown in the figure below:



1. Please use the official charger. The use of non-official chargers may cause equipment damage and safety risks.



2. If the charger or cable is damaged, do not use it.

6.2 Charging Indicator

Top display

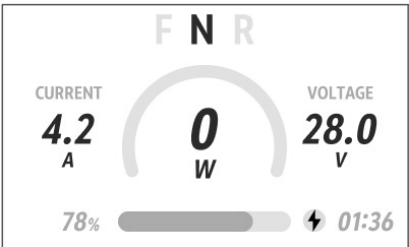
1. The battery level is displayed from left to right, with each segment representing 10% of the battery level.
2. When the remaining battery level is between 1% and 99%, the last segment of the battery level indicator will flash continuously during charging.
3. There will be a charging sound when charging starts.



Battery level 100%

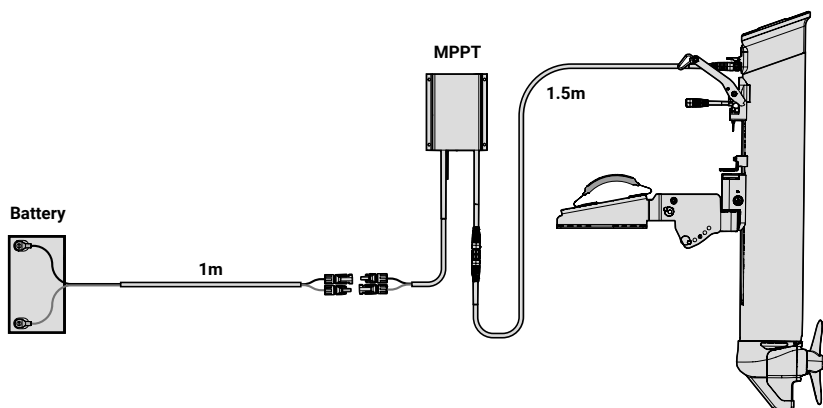
External display

1. The interface provides real-time charging data, including the current charging current and voltage.
2. The estimated remaining charging time is displayed to help you plan your schedule.
3. The SOC percentage is shown alongside a visual battery level bar for an intuitive overview of the battery status.



6.3 Range-extension with an External Battery

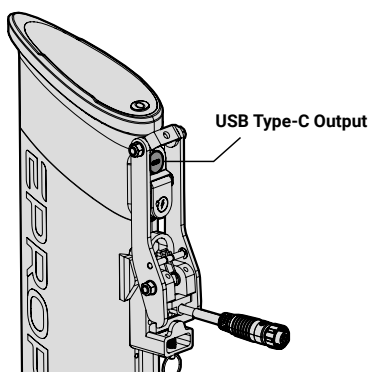
To further extend the cruising range, a dedicated range-extension component is available as an optional accessory. For example, you can purchase the "kLite/eLite Range Extension Kit for Third-Party Batteries". This kit includes a cable pack (containing two dedicated cables) and a solar charger, allowing you to connect a third-party battery to the kLite 750. Please consult your authorized dealer for availability and purchasing.



6.4 USB Type-C Output

The ePropulsion kLite 750 outboard motor has a USB Type-C socket, which can be used to charge devices such as mobile phones. It turns on when the outboard is turned on, supports PD and QC3+ fast charging protocols, and can provide a maximum charging power of 22W.

1. Take care not to break off the rubber plug.
2. When not in use, please insert the rubber plug securely to avoid corrosion of the socket.

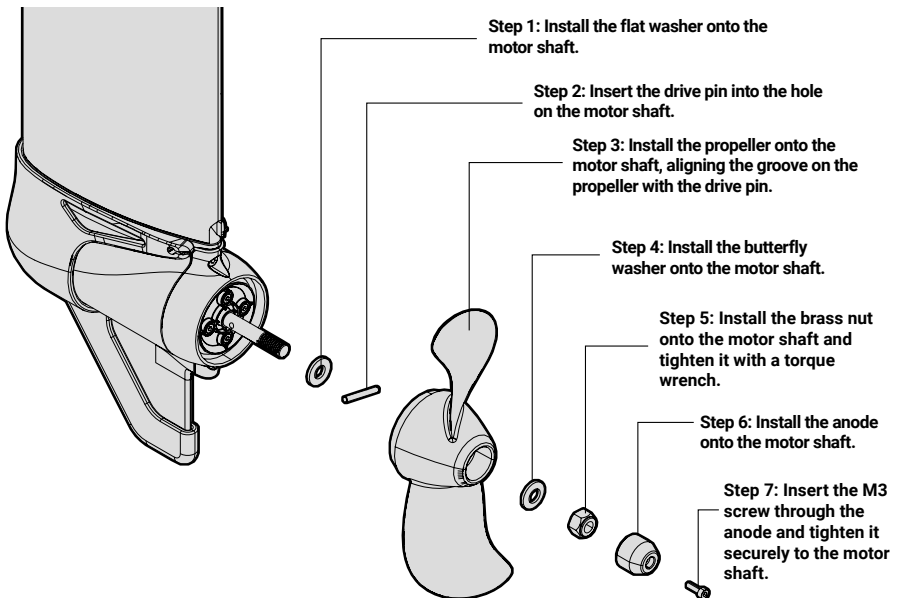


7 Maintenance

7.1 Precautions

1. Regular maintenance keeps your outboard motor in optimal condition and extends its service life.
2. After using the product in saltwater, promptly rinse the motor housing and all parts that come into contact with saltwater with fresh water to reduce corrosion.
3. Always perform maintenance or repairs with the outboard motor power turned off.
4. Perform maintenance or repairs under the guidance of a professional or authorized dealer.
5. If any parts of the outboard motor are damaged or need to be replaced, be sure to use ePropulsion's original parts.
6. Store the outboard motor in a cool and dry place.
7. For long-term (more than a few weeks) storage of the outboard motor, the battery level should be around 45% to 50%. The level should be checked every 3 months and topped up if necessary. Do not leave fully charged or discharged for long periods.

7.2 Propeller Inspection/Replacement



The propeller is installed on the outboard motor before leaving the factory. Before use, and periodically, the propeller and shaft should be inspected. For inspection, or if the propeller needs to be replaced, follow the diagram below.

-  1. Always ensure the outboard motor is powered off when inspecting, removing, or installing the propeller. Failure to do so may cause severe injury to the operator or nearby personnel.
-  2. Propeller blades are extremely sharp. It is highly recommended to wear gloves during inspection, removal, or installation.

Propeller inspection should include:

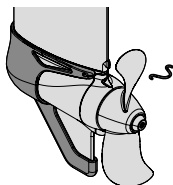
- 1. Inspect the propeller blades for any signs of wear or damage.
- 2. Check the drive shaft, drive pin, and drive pin hole for wear or damage.
- 3. Check for any foreign debris tangled in the propeller (such as fishing nets, fishing lines, seaweed, etc.) and clean it promptly if necessary.

7.3 Motor Rubber Cover Replacement

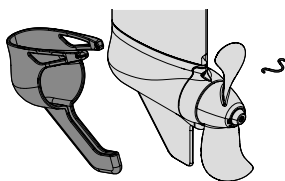
If the rubber protective cover needs to be replaced, please refer to the illustration below for the replacement steps.

 **Note: Product appearance and design may vary depending on the specific model or production batch.**

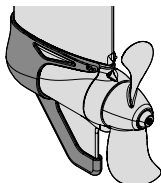
Step 1: Remove the M-clip securing the protective cover.



Step 2: Remove the protective cover from the motor housing.

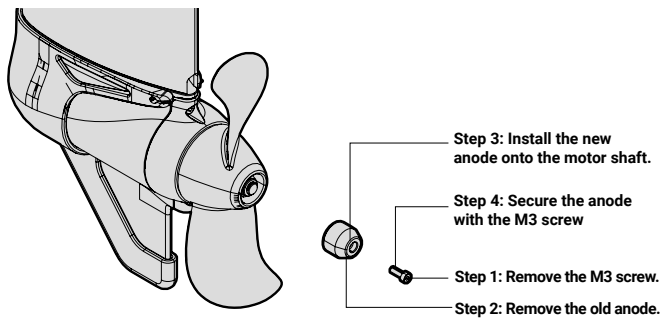


Step 3: To install the new protective cover, simply follow the above steps in reverse order.



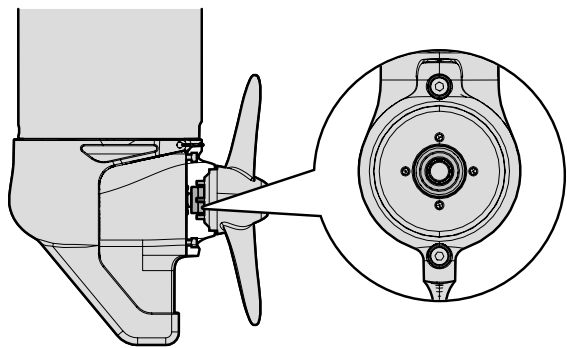
7.4 Anode Replacement

If the anode block needs to be replaced, please refer to the illustration below for the replacement steps.



7.5 Oil Seal Maintenance

The propeller shaft oil seal assembly must be inspected every 100 cumulative operating hours. This is a professional maintenance task. If any abnormality is found, please contact an ePropulsion authorized dealer for replacement. Unauthorized disassembly or assembly is strictly prohibited.



7.6 Maintenance of Electrical Contacts

Clean the charger and USB sockets with electrical contacts cleaner every two months, and immediately if there is any sign of corrosion.

The tiller of the product is made of silicone rubber. When in contact with chemical solvents such as WD40, it poses a risk of causing discoloration. In case of contact with such solvents, the silicone rubber tiller should be immediately rinsed with clean water if the chemical sprays on the tiller surface.

7.7 Regular Maintenance

Regular cleaning and maintenance ensure the outboard motor operates in optimal condition. Maintenance frequency may vary based on usage, and the table below provides guidelines for reference.

Item	Operations	Service Interval		Reference Section
		100 Hours (6 Months)	1000 Hours (24 Months)	
Propeller / Propeller Nut / Power Pin	Check / Repair	■	/	7.2
Motor Rubber Cover	Check / Replace	■	/	7.3
Anode	Check / Replace	■	/	7.4
Propeller Shaft Oil Seal Assembly	Check	■	/	7.5
Propeller Shaft Oil Seal Assembly	Replace	/	■	7.5
Maintenance of Electrical Con- tacts	Check / Replace	■	/	7.6

8 Emergency Situations/Actions

8.1 Collision

If the outboard has a significant impact with an underwater object, please:

1. Immediately shut down the motor.
2. Check the mechanical structure including propeller to see if there is damage, and the control system to see if it functions properly.
3. If you think it's still safe to operate, return to the nearest harbor or pier in low power.
4. If you don't think it's safe to operate call for assistance and/or tow.
5. Contact your authorized ePropulsion dealer for inspection and repair as necessary. Only use the motor again after it has been inspected/repared and deemed safe.

8.2 Outboard Submerged/Swamped

If the motor has not been properly stored or has been submerged in water before, the motor may be at risk of internal water ingress. In such a situation:

1. Stop it immediately and turn it off with the power button.
2. Return the outboard to an authorised ePropulsion dealer. Tell them what has happened to it so that they can inspect/repair it before further use.

9 Warranty

9.1 Introduction

Congratulations on the purchase of your new ePropulsion Product! We are happy to welcome you to the ePropulsion family! ePropulsion has been deeply involved in the field of marine new energy power for more than ten years, focusing on the research and development, manufacturing and sales of marine electric/hybrid propulsion systems and core components, and has full-chain system integration service capabilities and rich engineering design experience. The main business covers propulsion equipment with a power of 500 watts to 1000 kilowatts, supporting controllers, batteries, main motor remote control systems, energy management systems and smart ship solutions. It is committed to promote the upgrade of marine power systems to new energy and is an industry-leading leader worldwide in marine electric propulsion technology. ePropulsion wants you to enjoy your new ePropulsion product for many years to come and asks you to read and understand the manual before you operate the propulsion to ensure that you follow safe operating practices and maintenance procedures.

This manual should be considered a permanent part of the ePropulsion product and shall remain with it. For correct maintenance, repair and genuine parts, visit an ePropulsion authorized distributor/dealer. Your ePropulsion authorized distributor/dealer is always up to date regarding the latest news and technology and is able to answer all your questions concerning your ePropulsion product. You can locate your nearest ePropulsion authorized distributor/dealer by visiting the website of ePropulsion <https://www.epropulsion.com/contact/find-a-dealer>.

Before installing or using your ePropulsion product, please read and understand this manual and the applicable Operation Manual carefully. If you did not receive an Operation Manual, please download a copy from <https://www.epropulsion.com/service/download-center>.

9.2 Limited Warranty

9.2.1 Overview

Guangdong ePropulsion Technology Limited, Room 801, Building 1; 11 Daxue Road, Songshan Lake; CN Dongguan Guangdong Province ("ePropulsion"), provides this Limited Warranty manual to help you take full advantage of your electric propulsion product and its intelligent integrated system product for boats produced by ePropulsion ("ePropulsion Product").

ePropulsion warrants that at the time of shipping, new ePropulsion Products sold by ePropulsion and/or its authorized distributors/dealers will be free from defects in material and workmanship during the limited warranty period specified in Section 9.2.4. A defect exists if the actual condition of the ePropulsion Product differs from the agreed condition or the published specifications.

This Limited Warranty is applicable in all countries and can be enforced in any country or region where ePropulsion or its authorized distributors/dealers provide ePropulsion Products subject

to the terms and conditions set forth in this Limited Warranty. This Limited Warranty is subject to all applicable national export and import laws and regulations.

This Limited Warranty is subject to limitations referred to in Section 9.2.3 and 9.2.8.

ePropulsion warrants to the first purchaser who buys the ePropulsion Product to use it ("First Purchaser") that it will make the repairs or replacements necessary to correct defects for the limited warranty period specified in Section 9.2.8. If the ePropulsion Product is transferred to another purchaser during the limited warranty period, it is suggested that the second purchaser notify ePropulsion in text form (e.g. email to service@epropulsion.com) at the time the second purchaser takes possession of the ePropulsion Product.

Unless expressly stated otherwise in this Limited Warranty, all provisions herein apply exclusively to consumers using ePropulsion Products for recreational use unless otherwise stipulated in Section 9.2.4 (1) and 9.2.5. ePropulsion Products used for commercial or professional purposes (with the exception of light commercial use as defined in Section 9.2.4(2)) are not covered by this Limited Warranty; instead, the statutory warranty in your jurisdiction applies. We recommend consulting an ePropulsion authorized distributor/dealer to clarify the applicable warranty coverage before using the ePropulsion Product for such purposes.

This Limited Warranty does not affect any mandatory statutory rights you may have under the laws of the country in which you have your habitual residence, including any rights or claims you may have under your purchase contract with the ePropulsion authorized distributor/dealer from whom you purchased the ePropulsion Product. The assertion of these statutory rights in the event of defects is free of charge and is not restricted by this Limited Warranty.

9.2.2 Product Registration

ePropulsion Products are Single Products, eSSA System Products and their accessories, as listed in the table below. This limited warranty period applies to all ePropulsion Products and their accessories.

Product Type	Specific Product Series
Single Products	eLite series, Spirit series, Navy series, Pod drive series, E batteries series, accessories, kLite 750
eSSA System Products	X series, P eSSA series, I series, G batteries series

In order to obtain your ePropulsion Product Limited Warranty and to receive quick support for service, parts and technical documentation, ePropulsion strongly recommends that you submit an online product registration via <https://www.epropulsion.com/service/product-registration> within (30) days after you have purchased the ePropulsion Product. The following information is required to register the ePropulsion Product:

- Product Model:

- Product Serial Number (SN):
- Purchase Date:
- Owner Information (Name, Address, Email/Phone):
- Boat Information (Model, Boat Type, Application, Propulsion Type):
- Dealer Information (Dealer Name, Contact Person, Email/Phone)

The benefits of registering your ePropulsion Product include:

- It confirms that you are the legal owner.
- warranty claims can be processed more quickly.
- if necessary, the ePropulsion Service Network can communicate directly with you.
- you have the option to sign up for ePropulsion latest news, keeping you up to date on new ePropulsion Products and features.
- other benefits that are published on the ePropulsion website, including but not limited to warranty extensions (please refer to the ePropulsion website for specific information).

Personal data shall be collected, processed and used by ePropulsion exclusively for the purpose of performing and managing this Warranty Policy, including but not limited to verifying your eligibility for warranty coverage, processing warranty claims (e.g., repair, replacement or maintenance requests for the warranted product), communicating warranty-related information (such as notifications of warranty status, product safety updates or progress of warranty service), and fulfilling other obligations under this Limited Warranty. For detailed information on ePropulsion's personal data protection please refer to ePropulsion's Privacy Policy at <https://www.epropulsion.com/privacy-policy/>.

9.2.3 Important Limitations

This Limited Warranty applies only to ePropulsion Products manufactured by ePropulsion and sold by ePropulsion or its authorized distributors/dealers. It only applies if the ePropulsion Product is installed and commissioned in accordance with the respective ePropulsion Product installation and operation guidelines contained in the user manual and used and maintained in accordance with the respective ePropulsion user manual. **For eSSA System Products, installation and commissioning must be performed by an ePropulsion authorized distributor/dealer.**

If a defect arises within the limited warranty period, ePropulsion may, at its discretion, choose to repair or replace the ePropulsion Product or part. ePropulsion will undertake the repair or replacement without charge for parts or repair labour. Repair labour includes the cost of labour to remove and reinstall the ePropulsion Product and, if necessary to complete the warranty service, to replace the non-ePropulsion Product components of the vessel in which the ePropulsion Product is installed.

Please note that ePropulsion Products are sophisticated and complex machinery that may be affected by many variables associated with their application. As such repairs may require multiple attempts and may take significant time (up to three (3) months) from the date on which ePropulsion or its authorized distributor/dealer confirms receipt of the defective ePropulsion

Product. The repairing time shall delete the duration of waiting time includes waiting time because of customer's delay, statutory/public holidays and force majeure.

After the limited warranty period has expired, you can still enjoy maintenance services from ePropulsion authorized distributors/dealers. In this case, service and accessories fees apply. These fees are based on the rates quoted by the ePropulsion authorized distributor/dealer.

9.2.4 Warranty Periods

The limited warranty period begins on the date of receipt of the ePropulsion Product by the First Purchaser. For the **eSSA System Products**, the limited warranty period **begins on the date of commissioning** the ePropulsion Product approved by ePropulsion.

The warranty periods for ePropulsion Products vary significantly based on the nature of their use, namely commercial use and non-commercial use (which encompasses recreational use and light commercial use).

(1) Warranty Periods for Recreational Use

"Recreational use" means the use of the ePropulsion Product for personal leisure, entertainment, or hobby-related activities, without any intent to generate income or profit. This use is limited to the user, their family, or a small group of non-paying friends. For example:

1. using an ePropulsion-equipped boat for a weekend fishing trip with family members, provided that no one is engaged in fishing for commercial sale;
 2. participating as a hobbyist in a local, non-competitive boating event, using an ePropulsion Product to power the boat.
- **Single Products:** Twenty-four (24) months or 1000 hours (whichever comes first) from the date of receipt of the ePropulsion Product by the First Purchaser, or the limited warranty period you obtained when you registered your ePropulsion Product, whichever is longer.
 - **eSSA Products:** Twenty-four (24) months or 1000 hours (whichever comes first) from the date of sea-trial delivery and commissioning. The limited warranty period shall not exceed twenty-six (26) months or 1015 hours (whichever comes first) from the date the First Purchaser receives the ePropulsion eSSA System Product.

(2) Warranty Periods for Light Commercial Use

"Light commercial use" means the use of the ePropulsion Product in activities that are non-profit driven, public welfare oriented, or to support of community-focused initiatives. Such use is usually carried out by non-commercial organizations and may serve public interest, educational or research purposes.

- **Single Products:** Twenty-four (24) months or 1000 hours (whichever comes first) from the date of receipt of the ePropulsion Product by the First Purchaser, or the limited warranty period you obtained when you registered your ePropulsion Product, whichever is longer.
- **eSSA Products:** Twenty-four (24) months or 1000 hours (whichever comes first) from the

date of sea-trial delivery and commissioning. The limited warranty period shall not exceed twenty-six (26) months or 1015 hours (whichever comes first) from the date the First Purchaser receives the ePropulsion eSSA System Product.

(3) Warranty Periods for Commercial Use

"Commercial use" means any utilization of the ePropulsion Product in activities primarily intended for generating income or profit or otherwise carried out in support of a business operation. For example:

1. using ePropulsion Product in a commercial fishing enterprise where the catch is sold for profit;
 2. incorporating ePropulsion Products into a tour-guiding business that offers paid boating tours.
- **Single Products:** Twelve (12) months or 1000 hours (whichever comes first) from the date of receipt of the ePropulsion Product by the First Purchaser, or the limited warranty period you obtained when you registered your ePropulsion Product, whichever is longer.
 - **eSSA Products:** Twelve (12) months or 1000 hours (whichever comes first) from the date of sea-trial delivery and commissioning. The limited warranty period shall not exceed fourteen (14) months or 1015 hours (whichever comes first) from the date that the First Purchaser receives the ePropulsion eSSA System Product.

Any ePropulsion Product or part repaired or replaced under the Limited Warranty assumes

the remaining limited warranty period or ninety (90) days, whichever is longer. If only parts are replaced under warranty, the 90 days warranty covers the replaced parts only, the ePropulsion Product itself will remain the original warranty period). Any original part of an ePropulsion Product (except for consumable parts) purchased separately by the customer is covered by a limited warranty period of ninety (90) days.

If the ePropulsion Product is transferred to another purchaser during the limited warranty period, the remaining limited warranty period is transferred to that purchaser. The transfer of this Limited Warranty will not extend its duration. Warranty coverage that has not yet expired cannot be transferred to or from a customer using the product for commercial purposes.

9.2.5 Non-commercial Use

The Limited Warranty applies only to ePropulsion Products purchased by consumers and used solely for recreational purposes and not for any commercial application.

Insofar as the ePropulsion Product is used by consumers for light commercial use, the limited warranty shall apply mutatis mutandis, whereby the limited warranty periods in Section 4 (2) in this manual shall apply for possible warranty coverage.

9.2.6 Commercial Use

In case of commercial use as defined in Section 9.2.4 (3), any commercial contract (including but

not limited to the Product Sales Contract or the Purchase Agreement) entered into between the commercial customer and ePropulsion or its authorized distributor/dealer, the warranty terms in the commercial contract shall prevail over this Limited Warranty, if the commercial contract stipulates warranty terms. For all warranty matters beyond the scope of the commercial contract, the provisions of this Limited Warranty shall apply.

9.2.7 Warranty Procedures

If you believe your ePropulsion Product is defective, you must contact an ePropulsion authorized distributor/dealer within fifteen (15) days after discovering the defect. Your authorized distributor/dealer will provide you with the contact details (name, address and telephone number) of the designated service facility.

You are responsible for transporting your ePropulsion Product to and from the designated service facility. Any delivery or transportation costs incurred in the process shall be borne by you, except where such costs arise in connection with the assertion of your statutory rights under the applicable sales contract. In certain cases, your ePropulsion authorized distributor/dealer may, at ePropulsion's sole discretion and subject to prior agreement, arrange for the inspection and/or repair to be performed on-site.

The following procedures must be followed to make a warranty claim:

1. Contact your nearest ePropulsion or ePropulsion authorized distributor/dealer. They will inform you whether the defect is covered by this Limited Warranty or their own warranty and provide the contact details (name, address and telephone number) of the designated service facility.
2. Provide proof of first purchase (e.g., receipt or invoice showing ePropulsion Product, date and the serial number) or commissioning (e.g. the form that shows the commissioning date). Product labels must be kept intact. Claims are valid only if the information provided is correct, genuine, and complete. If you have registered the ePropulsion Product on the official website, proof of first purchase or commissioning is not necessary.
3. Use the original box and packaging material of the ePropulsion Product for transport or equivalent packaging and packaging material for sending the ePropulsion Product to the designated service facility. Pack the ePropulsion Product in such a way that any damage caused by improper packaging during transport is avoided (e.g. by using sufficient padding). ePropulsion is not liable for any damage caused by improper packaging during transport. In certain cases, instead of shipping the products back, on-site service will be managed.
4. Keep defective items available for inspection by ePropulsion or an ePropulsion authorized distributor/dealer for the duration of the inspection. You can request the return of the ePropulsion Product. ePropulsion will arrange the return. If ePropulsion replaces the ePropulsion Product or part of the ePropulsion Product, the replacement becomes your property and the ePropulsion Product or the part of the ePropulsion Product that is replaced, becomes the property of ePropulsion.
5. ePropulsion or the ePropulsion authorized distributor/dealer will conduct diagnosis and

examination on the defective ePropulsion Product to verify the validity of the warranty claim:

- If your warranty claim is accepted, the ePropulsion Product or its defective parts will be repaired or replaced free of charge.
- If your warranty claim is rejected, you will receive an estimate for repair/replacement of the ePropulsion Product, including the costs of round-trip delivery. ePropulsion or the ePropulsion authorized distributor/dealer will only begin the work after receiving your written confirmation.

Any action arising hereunder must be commenced within one (1) year after the cause of action accrues, unless you are a consumer, in which case a statutory limitation period of two (2) years applies. Any actions commenced after this period shall be barred.

9.2.8 Excluded from the Limited Warranty

In addition to the other conditions and limitations set forth in Section 9.2.3, the following items are specifically excluded from any coverage under this Limited Warranty:

1. Ordinary wear and tear (e.g. aging of sealing rings, fading of external appearance, reduction in display screen brightness, battery capacity attenuation, decrease in cruising range; loose interfaces that still enable normal connection).
2. consumable parts (e.g. propeller, anode).

This Limited Warranty does not cover any defect, damage, cost, or consequence resulting from:

1. Use not in accordance with the Operation Manual or intended use described therein. This includes:
 - Willful abuse, misuse, negligence or accidents,
 - physical damage (including overcharging or over discharging),
 - installation, handling, operation, or maintenance inconsistent with the instructions in the Operation Manual,
 - failure to perform the required maintenance,
 - delay of more than two (2) months in claiming the repair of the ePropulsion Product despite being aware of the defect,
 - racing or engaging in a contest of speed or endurance,
 - use of non-approved attachments, non-genuine parts, or spare parts of non-equivalent quality,
 - incorrect software settings or unauthorized modifications to software,
 - incorrect storage, e.g. long storage resulting in battery failure, dried/cracked rubber components, or corrosion of electrical contacts/connectors,
 - not performing and paying for regular maintenance and failing to maintain records of all service and maintenance,
 - running aground, incorrect propeller matching, or similar operation against the Operation Manual,
2. unauthorized modification, repair or tampering of

- the ePropulsion Product, accessory, or part (including removal or alteration of the ePropulsion Product label or the serial number),
 - the power, control, or electrical system,
 - service performed by a non-authorized facility,
3. environmental exposure, e.g.
 - rust or corrosion in electrical contacts or connectors,
 - submersion or exposure to unsuitable environmental conditions, such as high humidity, heavy rainfall, seawater intrusion, or freezing of the cooling water,
 4. parts and repair costs of failure due to misdiagnosis,
 5. damage due to improper packing during transport,
 6. repairs outside normal working hours,
 7. service-related costs such as installation, disassembly, financing, rental, or similar costs,
 8. non-compliance with applicable laws and regulations governing the transport or packaging of lithium batteries (classified as a UN9 hazardous items), and
 9. for commercial customers (B2B) only, transporting the ePropulsion Product, part, or vessel in which the ePropulsion Product is installed, to and from the designated service facility (including any haul-out fees or storage fees).

In all warranty claims, ePropulsion will only bear the costs of diagnosing, repairing, or replacing a defective part. In no event shall ePropulsion or ePropulsion Authorized Distributor/dealer be liable for incidental, special or consequential damages. Such damages include, but are not limited to, loss of profits, haul-out fees, launching costs, towing, storage, slip fees, insurance coverage, loan payment, transportation costs, telephone charges, and mileage.

9.3 Miscellaneous

- Except as modified in writing and signed by the parties, and except where a commercial contract expressly provides otherwise, this Limited Warranty is and shall remain the complete and exclusive agreement between the parties with respect to warranties, superseding all prior written or oral agreements, and all other communications between the parties relating to warranties.
- No original equipment manufacturers, boat builders, ePropulsion product installers, distributors, dealers or any other person or entity has any authority to make any representation or promise on behalf of ePropulsion or to modify the terms or limitations of this Limited Warranty in any way, whether orally or in writing.
- This Limited Warranty is subject to German law, excluding the United Nations Convention on Contracts for the International Sale of Goods (CISG). The courts in Germany shall have exclusive jurisdiction. If you are a consumer and have your habitual residence in the EU, you may also bring your claim in the country in which you live and you additionally enjoy the protection afforded to you by the mandatory provisions of the law of your country of residence.

ePropulsion

(*In order to validate warranty, please fill in this form first and read the Warranty Policies.)

|| OWNER INFO. ||

Owner Name			
Address			
Phone		Email	

|| DEALER INFO. ||

Store Name			
Address			
Phone		Email	

|| PRODUCT INFO. ||

Date of Purchase (mm/dd/yyyy)	
Serial No.	



Get the Full User Manual

For a more eco-friendly and up-to-date experience, please scan the QR code to visit our download center and locate "kLite 750 User Manual" for the latest version.

We reserve the right to update this user guide in-line with any evolution of this product.



Thanks for reading this user manual.

If you have any concerns or find any problems while reading, please don't hesitate to contact us. We are delighted to offer service for you.

Guangdong ePropulsion Technology Limited

Website: www.epropulsion.com

E-Mail: service@epropulsion.com