Smart Remote Control
User Manual



2026.08 Version 1.0
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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 "Smart Remote Control" 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.

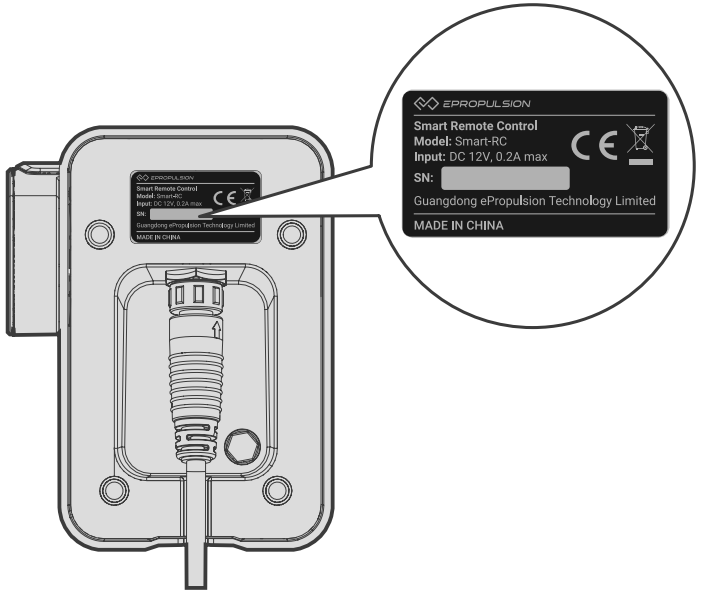


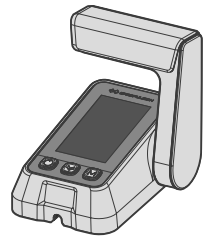
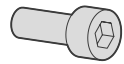
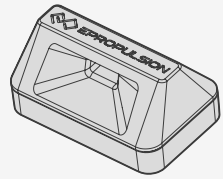
Table of Contents

Acknowledgements **1**
Important Information **1**
Safety Warning **1**
Product Serial Number **2**
1 Product Introduction **5**
1.1 In the Box 5
1.2 Specifications 6
1.3 Important Notes 6
1.4 EU Declaration of Conformity 6
1.5 FCC Compliance Statement 7
1.6 Disposal and Environment 7
2 Installation and Wiring **8**
2.1Installation 8
2.1.1 Direct Installation onto the Hull 8
2.1.2 Mounting with Mount Plate - Top 9
2.1.3 Mounting with Mount Plate - Side 12
2.2 Wiring 14
3 Function Description **15**
3.1 Power On/Off 15
3.2 Kill Switch 15
3.3 Throttle Control 15
3.4 Button Functions 16
3.4.1 Display Buttons 16
3.4.2 Handle Buttons 16
3.5 Display 17
3.5.1 Home Screen 17
3.5.2 Settings 18
3.5.3 Appearance 19
3.5.4 Brightness 19
3.5.5 Units 19
3.5.6 Third-Party Battery Settings 20
3.5.7 Password Setup 20
3.5.8 DOCK Mode 21
3.5.9 Throttle Calibration 21
3.5.10 Power Limit Setting 22
3.5.11 Kill Switch Override Mode 23
3.5.12 Reset System 24
4 Error Code & Indicator **25**

5 Warranty 26
5.1 Introduction 26
5.2 Limited Warranty 26
5.2.1 Overview 26
5.2.2 Product Registration 27
5.2.3 Important Limitations 28
5.2.4 Waranty Periods 29
5.2.5 Non-commercial Use 30
5.2.6 Commercial Use 30
5.2.7 Warranty Procedures 31
5.2.8 Excluded from the Limited Warranty 32
5.3 Miscellaneous 33

1 Product Introduction

1.1 In the Box

Items	QTY	Picture
Smart Remote Control	1	
Protective Cover	1	
Mounting Screws and Nuts	6	
Kill Switch	2	
User Manual & Mount Template	1	

1.2 Specifications

Smart Remote Control	
Handle Angle	F: 60° R: -60°
Resolution	480×800
Dimensions	145mm×112mm×120mm
Water resistance rating	IP67

1.3 Important Notes

1. Only adults who have fully read and understood this manual are allowed to operate this product.
2. Check the function of the Smart Remote Control before use.
3. Make sure the Smart Remote Control is properly installed before use.
4. When the Smart Remote Control is not in use, please use the protective cover to protect it.
5. Please keep away from sharp objects to avoid scratching the display.

1.4 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: Smart Remote Control
Model:Smart-RC

The object of the declaration is in conformity with the following directives and regulation:
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 25197:2020

This declaration of conformity 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: 陶师正 **Date:** 2026.8.17
Shizheng Tao, Chief Executive Officer & Cofounder of
Guangdong ePropulsion Technology Limited

1.5 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 received, including interference that may cause undesired operation.

1.6 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 and Wiring

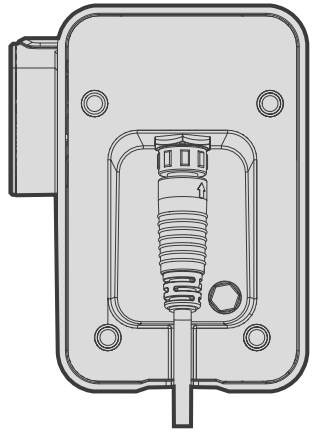
2.1 Installation

Before installation, locate a suitable position on the hull for mounting the remote control. Test the remote control's operation in that position beforehand to ensure it is easy to use while the boat is in motion.

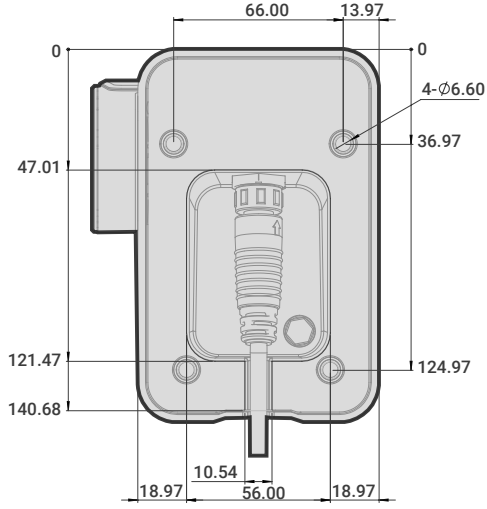
Once the installation location is confirmed, there are three installation methods available.

2.1.1 Direct Installation onto the Hull

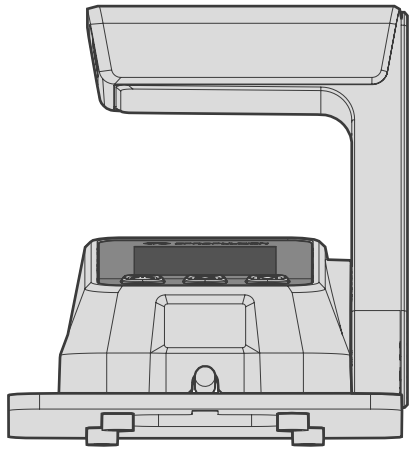
1. Connect the CAN communication cable to the connector at the bottom of the remote control.



2. Use the mounting template to locate the four mounting holes on the boat's console and drill the holes.



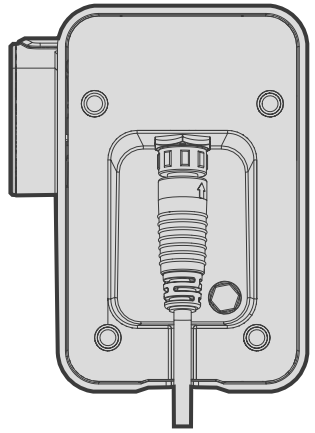
3. Align the remote control with the corresponding holes and tighten the screws from the bottom up.



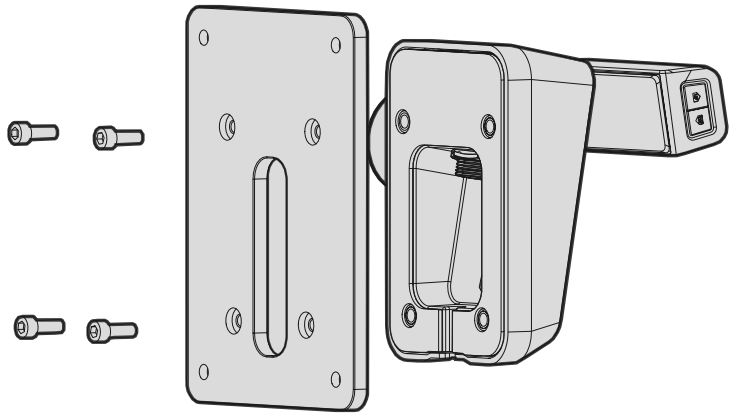
2.1.2 Mounting with Mount Plate - Top

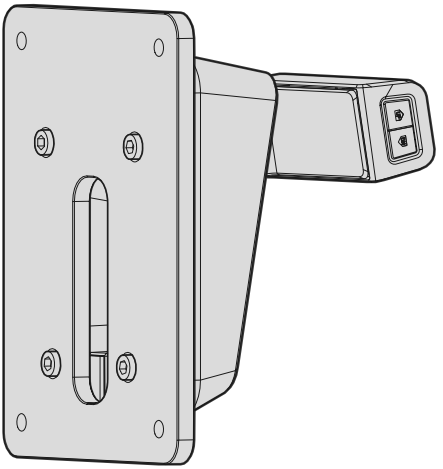
The Smart Remote Control Mount Plate - Top is an optional accessory. To purchase one, please contact the ePropulsion dealer.

1. Connect the CAN communication cable to the connector at the bottom of the remote control.

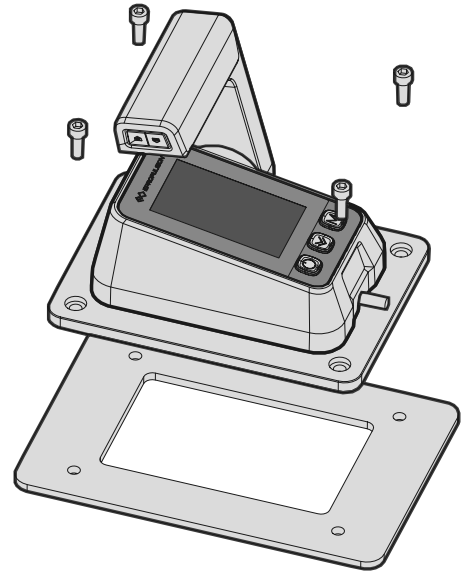


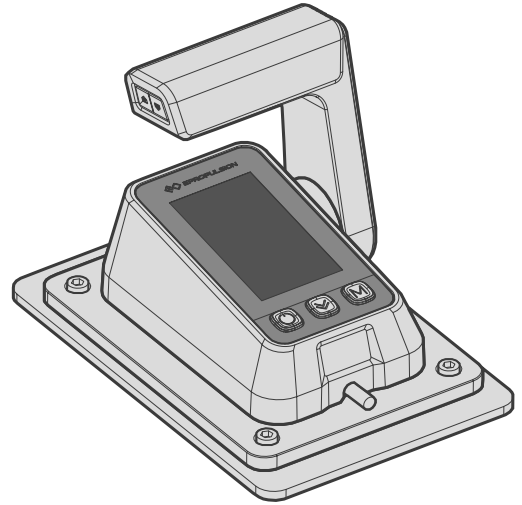
2. Align the mount plate with the screw holes at the bottom of the remote control and secure it with screws.





3. Secure the mount plate to the hull with screws.

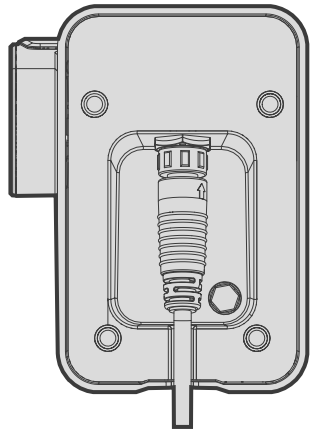




2.1.3 Mounting with Mount Plate - Side

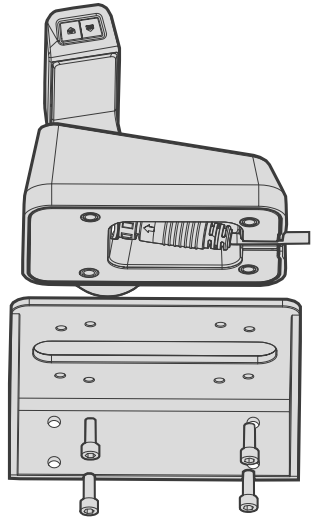
The Smart Remote Control Mount Plate - Side is an optional accessory. To purchase one, please contact the ePropulsion dealer..

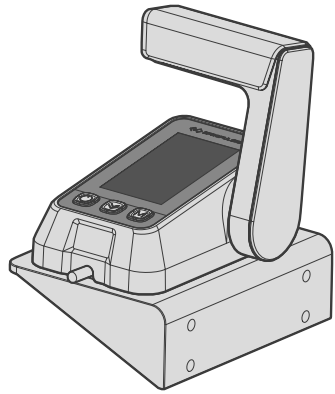
1. Connect the CAN communication cable to the connector at the bottom of the remote control.



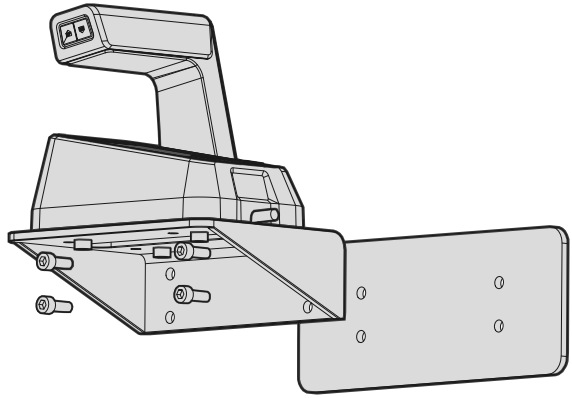
2. Align the mount plate with the screw holes at the bottom of the remote control and secure it with screws.

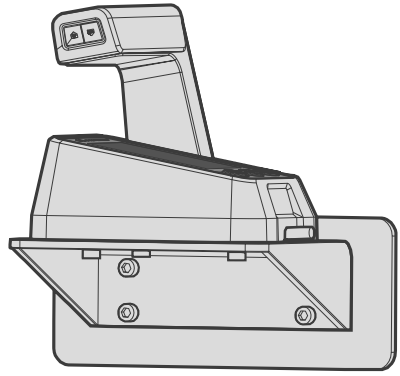
This mount plate supports installation on either the port or starboard side, corresponding to different screw holes on the plate. First, confirm the installation location, then position the remote control and mount plate in the correct orientation before aligning the screw holes and tightening them.



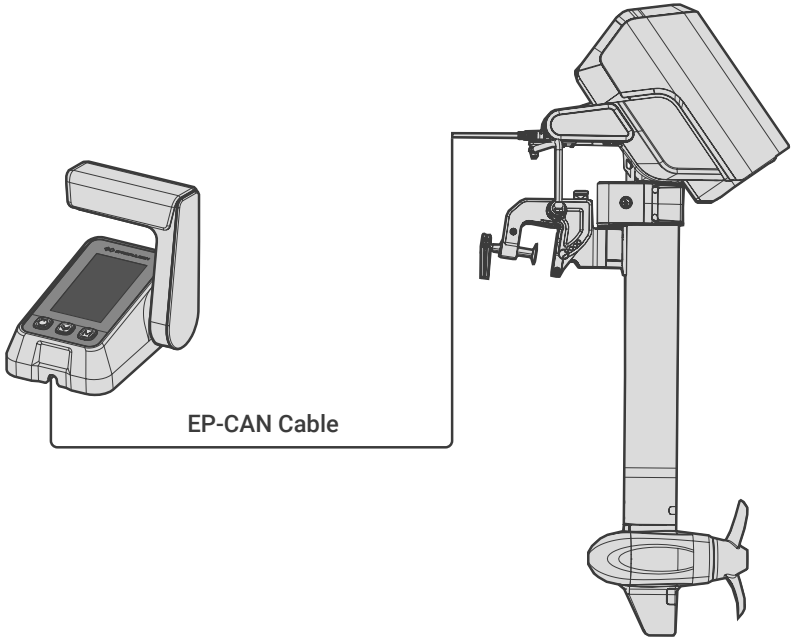


3. Secure the mount plate to the hull with screws.





2.2 Wiring



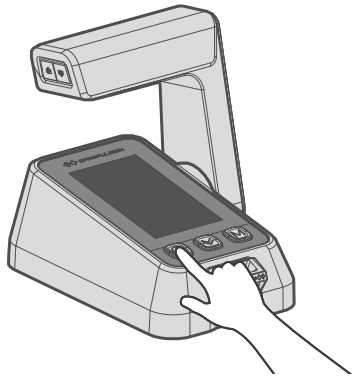
3 Function Description

Features may vary by model; please refer to the user manual for your specific propeller.

3.1 Power On/Off

Compatible with Spirit 1/2. Please connect the battery before turning on the motor.

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



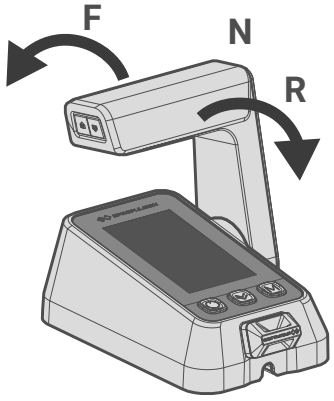
3.2 Kill Switch

For safety reasons, please use the included kill switch and keep the kill switch lanyard secured to your wrist or life jacket at all times.

Be aware of the kill switch's magnetic field and keep it at least 50 cm away from magnetically sensitive items (such as regulators and medical devices).

3.3 Throttle Control

Rotate the throttle lever to adjust power output and switch between forward and reverse gears.



3.4 Button Functions

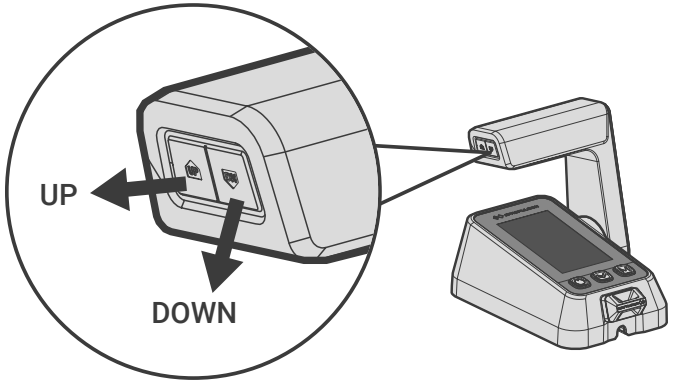
3.4.1 Display Buttons

	Power Button	1. Press and hold to power on/off. 2. When setting up the interface, press to return to the previous menu.
	Select Button	1. In the driving interface, press to toggle between power and speed displays. 2. In the settings interface, press to switch between options and adjust parameters.
	M Button	1. Long press to enter/exit settings menu. 2. In the driving interface, press to enter/exit Boost mode. 3. In the settings interface, press to enter/exit editing; long press to return to the previous level.

3.4.2 Handle Buttons

1. Tilt Control

The tilt function is available on select models only and is used to control the tilting of the outboard motor.

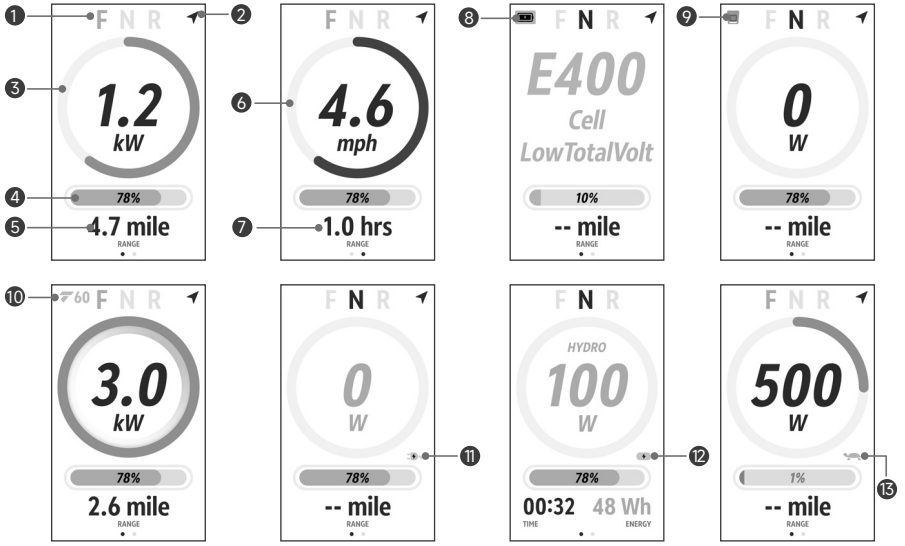


2. Power Mode Control

Double-tap the UP button to enter Boost Mode. Output power in Boost Mode varies by machine. Double-tap the DOWN button to enter DOCK Mode. Output power in DOCK Mode varies by machine, the maximum output power can be set on the display.

3.5 Main Interface

3.5.1 Home Screen

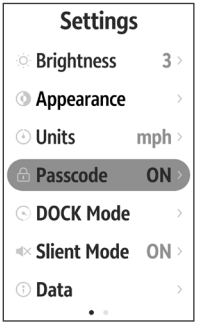


No.	Feature	Description
1	Gear F N R	F: Forward gear N: Neutral R: Reverse gear
2	GPS Status	Icon flashes when not located, remains steady when located, and changes to yellow.
3	Power/Speed	Press to toggle between power and speed display. Speed cannot be displayed when no position is acquired or when GPS is malfunctioning.
4	Battery Level	Displays current battery level.
5	Remaining Distance	Calculates and displays remaining range in real-time based on current battery level and speed. Units can be switched in the settings interface.
6	Speed	Displays the real-time boat speed. You can switch the unit in the Settings menu.
7	Remaining Time	Calculates and displays the remaining time in real-time based on the current battery level and speed.
8	Error Icons	Displays corresponding fault icons when issues occur with the system, battery, motor, or throttle.
9	Kill Switch	The icon flashes when the kill switch is detached. It remains constantly displayed when the system is in kill switch override mode.

No.	Feature	Description
10	Boost Mode 60	When in F or N gear, press M once to enter/exit Boost mode. Upon successful entry, the icon remains lit with a countdown displayed.
11	Charging icon	Display during charging
12	Hydrogeneration icon	Display during hydrogeneration
13	Turtle Light Icon	Battery power is depleted. The device has entered low-power limp mode. Please return to shore at low speed as soon as possible.

3.5.2 Settings

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



1. Long press M to enter settings menu.
2. Press M to enter option.
3. Press ⌄ to toggle option.
4. Long press M to exit settings menu.

Settings	Description
Brightness	Supports 3-level screen brightness adjustment.
Appearance	Supports switching between Light and Dark modes.
Units	Switch the unit display for speed and range on the home screen.
Passcode	Allows you to set a startup passcode. The passcode is required to operate the device after powering on.
DOCK Mode	Allows you to set the maximum output power for DOCK Mode. The DOCK function is available on select models only.
Silent Mode	When enabled, the throttle will no longer emit any alert tones. This includes tones for power on/off, gear shifts, and system faults.
Data	Displays the total runtime/distance.
Hydro	Enter to view the cumulative regenerative charging energy.

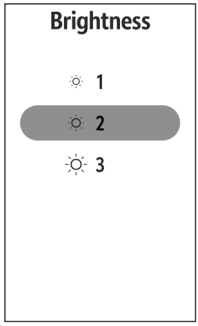
Settings	Description
Battery	Allows you to view detailed battery parameters. If multiple batteries are connected, parameters for all batteries can be viewed, including battery level, capacity, voltage, current, and battery faults.
Version	Displays the hardware and software version numbers of the system modules.

3.5.3 Appearance



1. Click M to enter the theme switching options.
2. Click ⌄⌄ to switch between Day and Night modes.
3. Click M to confirm, and the system will automatic·ally return to the settings menu.

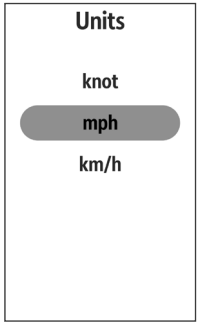
3.5.4 Brightness



1. Click M to enter the brightness adjustment options.
2. Click ⌄⌄ to select a brightness level, with Level 1 being the dimmest and Level 3 the brightest.
3. Click M to confirm, and the system will automatically return to the settings menu.

Brightness level 1 in dark mode is suitable for nighttime use.

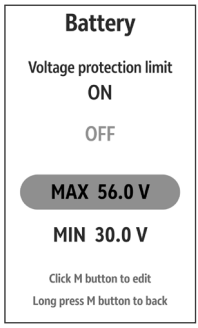
3.5.5 Units



1. Click M to enter the unit settings option.
2. Click ⌄⌄ to select the unit.
3. Click M to confirm, and the system will automatically return to the settings menu.

3.5.6 Third-Party Battery Settings

When using third-party batteries, you can set the maximum and minimum voltage for under-voltage and over-voltage protection.



1. Click M to enter third-party battery settings.
2. Click ⌄⌄ to select to set maximum or minimum voltage.
3. Click M to begin setting maximum or minimum voltage.
4. Click ⌄⌄ to adjust maximum or minimum voltage value. Each click adjusts by 1V.
5. Click M to confirm voltage settings.
6. Click ⌄⌄ to select to enable or disable this feature.
7. Click M to confirm enabling or disabling this function.
8. Press and hold M to return to the settings menu.

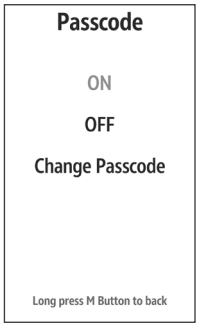
⚠ Please use third-party batteries with pre-charging capability (pre-charge current ≤ 30A).

⚠ After completing the wiring harness connection, first close the switch on the wiring harness, then turn on the battery switch, and finally power on the device.

3.5.7 Password Setup

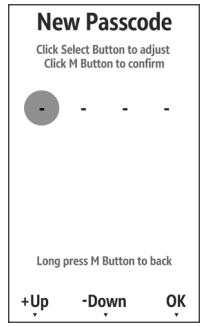
Supports setting a screen lock password. The password must be entered to use the device after powering on.

Step 1



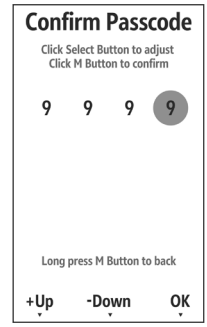
1. Press M once to enter the Password Setup option.
2. Press ⌄⌄ once to toggle the password function on or off.
3. Press M once to confirm and enter the password setup page.

Step 2



1. Use the ⏻ and ⌄⌄ keys to enter the numeric password, then press M to confirm.
2. After entering the four-digit password, press M to confirm and proceed to the password re-entry page.
3. The password is successfully set after the re-entry is confirmed.

Step 3

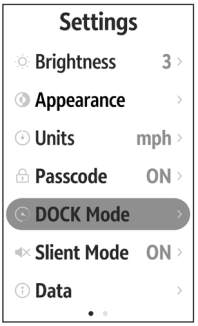


1. The password setup is complete once the secondary password entry matches.

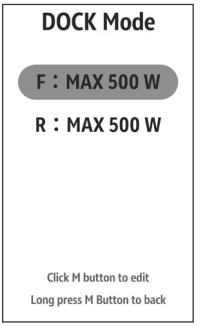
⚠ Please remember your password after setting it. If you forget your password, please contact ePropulsion after-sales service for assistance.

3.5.8 DOCK Mode

This feature is available on select models only. If it does not appear on the display, the current model does not support it.



1. Press the M button to enter DOCK Mode.

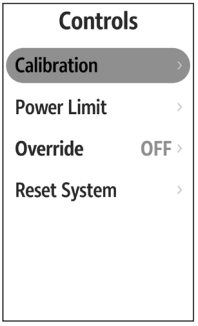


1. Press the ⌄⌄ to switch to the F/R power setting. Press to M enter the value adjustment mode, then use the ⌄⌄ to set the value.
2. Press the M button to confirm and complete the setting.

3.5.9 Throttle Calibration

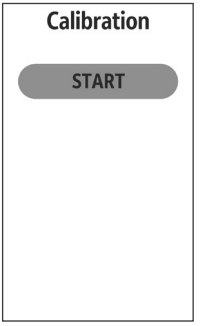
When throttle malfunctions, manually calibrate the throttle.

Step 1



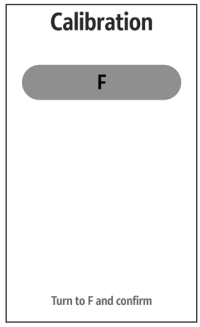
1. On the home screen, press and hold ⌄⌄ and M simultaneously to enter the Controls interface.
2. Press M once to enter the Throttle Calibration option.

Step 2



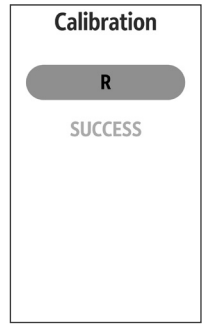
1. Click M to begin calibration.

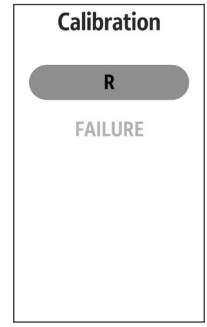
Step 3



1. After rotating the throttle lever to the maximum position in F gear, click M to confirm.
   After rotating the throttle lever to N gear, click M to confirm.
2. After rotating the throttle lever to the maximum position in R gear, click M to confirm.

Step 4

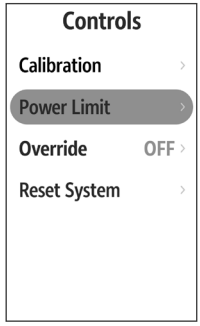




1. A prompt will indicate calibration success or failure.
2. Press and hold M to return to the settings menu.

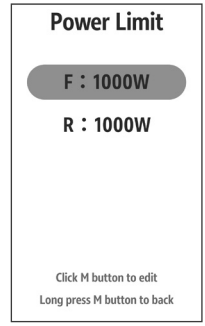
3.5.10 Power Limit Setting

Step 1



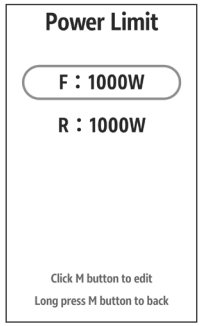
1. On the home screen, press and hold ⌄⌄ and M simultaneously to enter the Controls interface.
2. Click M to access the Power Limit Setting options.

Step 2



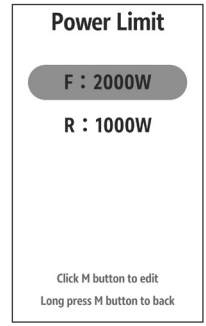
1. Click ⌄⌄ to select setting power limits for F-gear or R-gear.
2. Click M to confirm the power limit setting for F-gear or R-gear.

Step 3



1. Click ⌄⌄ (or twist the throttle grip) to adjust the power limit value.
2. Click M to confirm the set value.

Step 4



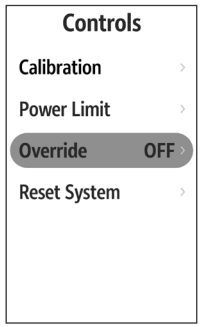
1. Press and hold M to return to the settings menu.

Unable to enter Boost mode after power limitation.

3.5.11 Kill Switch Override Mode

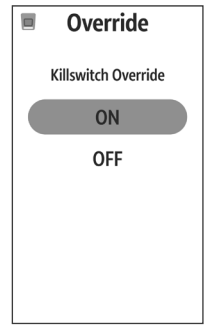
When the kill switch is lost, you can activate the emergency safety loss mode. In this mode, the maximum allowable motor output power is 50% of the rated power. The system automatically exits the kill switch override mode after shutdown.

Step 1



1. On the home screen, press and hold ⌄⌄ and M simultaneously to enter the Controls interface.
2. Click M to access the Kill Switch Override Mode options.

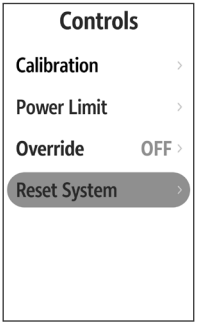
Step 2



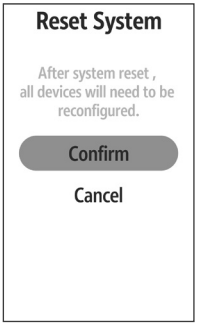
1. Press ⌄⌄ once to toggle the Kill Switch Override Mode on or off.
2. Press M once to confirm, and the system will automatically return to the settings menu.

3.5.12 Reset System

In a dual-engine setup, resetting the system allows you to assign the port and starboard positions. In a single-engine setup, resetting has no effect.



1. On the home screen, press and hold the M button and the ⌄⌄ button simultaneously to enter the Controls menu.
2. Press the M button to enter the Reset System option.



1. Press the M button to confirm, and the system will automatically return to the Settings menu.

4 Error Code & Indicator

Once the throttle is connected to the system, system errors will be displayed on the screen. Error codes may vary depending on the model.

Figure		Function / Description
	Battery Error	When the remaining battery level drops below 10%, the system enters power-limiting mode. The maximum power output is dynamically adjusted based on the remaining battery level.
	Motor Error	Outboard motor malfunction triggers power-limited mode, with maximum power restricted to 50%.
	Other Error	Other outboard motor errors occur, entering power-limited mode with maximum power restricted to 50%.
Error Code EXXX	Critical error	The outboard motor has experienced a critical error and has stopped operating.

Error Code	Figure	Troubleshooting
E201 E202 E403 E412	Overtemperature	Stop using the outboard motor and allow it to cool down. If the issue persists, contact an authorized ePropulsion dealer.
E207 E313 E400 E401	Low Battery	Stop using and charge. If the issue persists after restarting, contact an authorized ePropulsion dealer.
E210	Propeller Blocked	Check if the outboard motor propeller is entangled. If the issue persists after clearing the entanglement, contact an authorized ePropulsion dealer.
Other	/	Stop using the device and restart it to see if it functions normally. If the issue persists, please contact an authorized ePropulsion dealer.

5 Warranty

5.1 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 thefield of marine new energy power for more than ten years, focusing on the researchand development, manufacturing and sales of marine electric/hybrid propulsionsystems and core components, and has full-chain system integration servicecapabilities and rich engineering design experience. The main business coverspropulsion equipment with a power of 500 watts to 1000 kilowatts, supportingcontrollers, batteries, main motor remote control systems, energy managementsystems and smart ship solutions. It is committed to promote the upgrade of marinepower systems to new energy and is an industry-leading leader worldwide in marineelectric propulsion technology. ePropulsion wants you to enjoy your new ePropulsion product for many years to come and asks you to read and understand the manualbefore you operate the propulsion to ensure that you follow safe operating practicesand maintenance procedures.

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

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

5.2 Limited Warranty

5.2.1 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 5.2.4. 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 5.2.3 and 5.2.8.

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 5.2.8. 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 5.2.4 (1) and 5.2.5. ePropulsion Products used for commercial or professional purposes (with the exception of light commercial use as defined in Section 5.2.4(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.

5.2.2 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/.

5.2.3 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.

5.2.4 Waranty 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.

5.2.5 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.

5.2.6 Commercial Use

In case of commercial use as defined in Section 5.2.4 (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.

5.2.7 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.

5.2.8 Excluded from the Limited Warranty

In addition to the other conditions and limitations set forth in Section 5.2.3, 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 UN5 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.

5.3 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 "Smart Remote Control 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