



# USER MANUAL

Electric Hydrofoil Surfboard






JetWave Technology Co., Ltd.

May 2026 edition

# READING GUIDE

## Symbol Description

-  Important Notes
-  Operation and usage tips
-  Vocabulary explanations

## Usage Recommendations

JetWave provides the following documents and videos:

1. Safety Guide
2. Quick Start Guide
3. User Manual

We highly recommend users to download the JetWave app first, watch the tutorial videos and the Safety Guide, then read the Quick Start Guide to understand the procedures. For more information, refer to this User Manual.

## Download JetWave APP & Watch Tutorial Videos

Scan the QR code below to download the app, or search "JetWave" in Apple App Store/Google Play.

Watch tutorial videos via app/website ensure correct and safe operation.



[www.jetwave.ai/download](http://www.jetwave.ai/download)

# CONTENTS

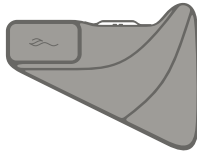
<b>1-UNBOXING CHECKLIST</b>	<b>03</b>
1.1 PACKAGE CONTENTS	
1.2 COMPONENT NAMES	
1.3 TECHNICAL SPECIFICATIONS	
<b>2-PREPARATION BEFORE USE</b>	<b>13</b>
2.1 DOWNLOAD & REGISTER JETWAVE APP	
2.2 DEVICE CHECK & CHARGING	
<b>3-ASSEMBLY STEP</b>	<b>16</b>
3.1 BOARD ASSEMBLY	
3.2 OPTIONAL ACCESSORY INSTALLATION	
<b>4-CONNECTION &amp; PAIRING</b>	<b>25</b>
4.1 REMOTE CONTROL PAIRING	
4.2 INITIAL DEVICE BINDING	
<b>5-OPERATION GUIDE</b>	<b>27</b>
5.1 USER LOGIN	
5.2 MODE SELECTION & GEAR SETTING	
5.3 SPEED LIMIT SETTING	
5.4 REVERSE MODE	
5.5 EFOIL MODE: STEP-BY-STEP (BEGINNERS)	
5.6A230 SCOOTER MODE: STEP-BY-STEP	
5.7 ENDING RIDE	
<b>6-STORAGE</b>	<b>40</b>
6.1 CLEANING AFTER USE	
6.2 DRYING AND STORAGE	
6.3 MAINTENANCE AND CARE	
<b>7-ADVANCED OPERATIONS</b>	<b>42</b>
7.1 FIRMWARE UPGRADE	
7.2 REMOTE CONTROL RE-PAIRING	
7.3 REMOTE CONTROL CALIBRATION	
7.4 THROTTLE CURVE SETTING	
7.5 REMOTE CONTROL NETWORK STATUS CHECKING	
7.6 VIEWING SESSION DATA	
7.7 SETTING SAFETY ZONE	
<b>8-TROUBLESHOOTING &amp; SUPPORT</b>	<b>49</b>
8.1COMMON FAULT QUESTIONS AND ANSWERS	
8.2 TECHNICAL SUPPORT CHANNEL	
<b>9-APPENDIX</b>	<b>51</b>

## 1-Unboxing Checklist

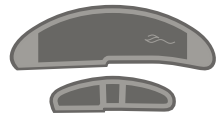
A complete product includes five main components:



Board Kit



Foil propulsion Kit



Wing Set



Battery



Remote Control Kit



Battery Charger Kit  
(2026 model with new features)

Actual contents vary by configuration

# | Package Contents

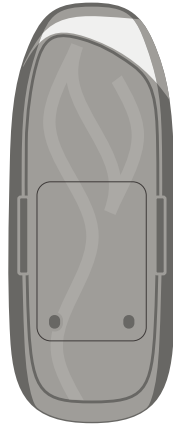


## Board Kit Carbon Series



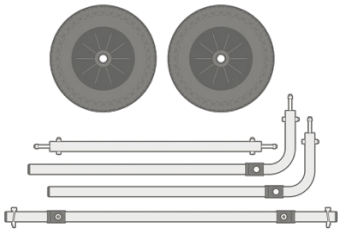
Board Bag (C100/C75)

Actual contents vary by configuration



Board (C100/C75)

Actual contents vary by configuration



Towing Cart



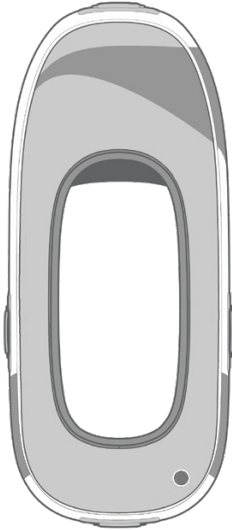
Hex Key x2



In the Box

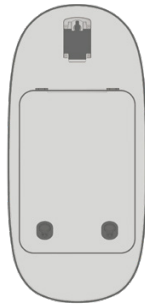


## Board Kit Air Series

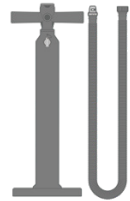


Inflatable Ring

Actual contents vary by configuration



Board Cabin



Pump



Repair Kit



Handlebar Cover  
(A230 only)



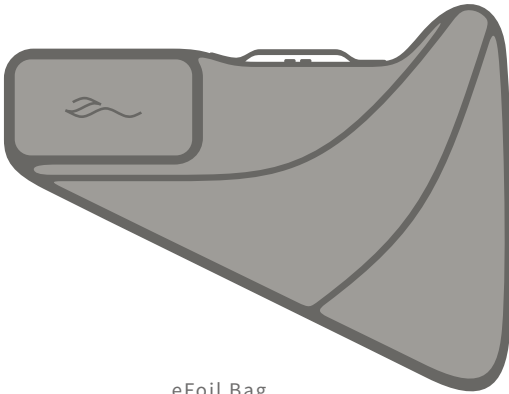
Handlebar  
(A230 only)



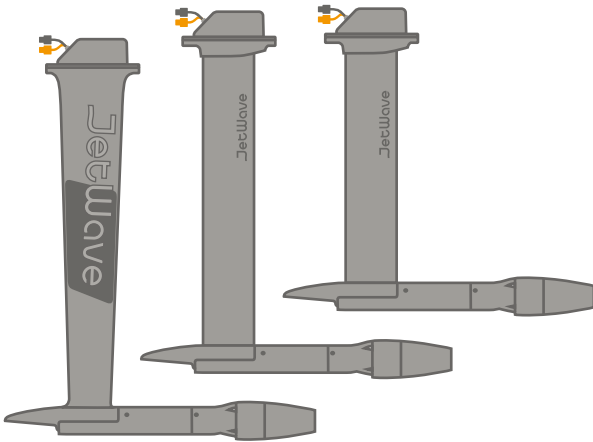
In the Box



Foil propulsion Kit



eFoil Bag



eFoil Power Module (MT80C/MT75A/MT60A)

Actual contents vary by configuration



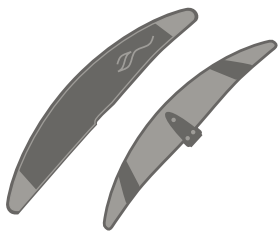
Nozzle Spare Parts



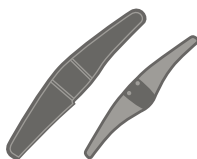
In the Box



## Wing Sets



Front Wing F700

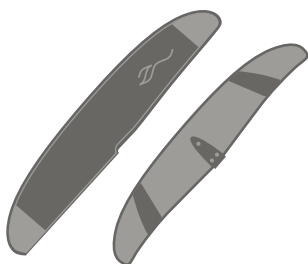


Stabilizer R200

A: M6\*25  
B: M6\*25  
C: M6\*14



Screws

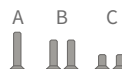


Front Wing F1300

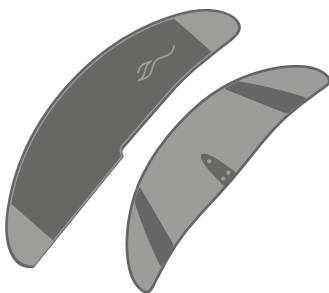


Stabilizer R350

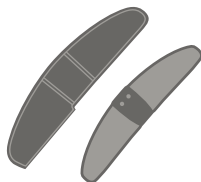
A: M6\*30  
B: M6\*25  
C: M6\*14



Screws

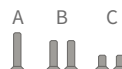


Front Wing F1750



Stabilizer R500

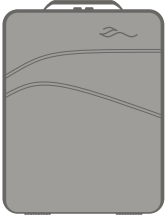
A: M6\*35  
B: M6\*25  
C: M6\*14



Screws

Actual contents vary by configuration

 Battery

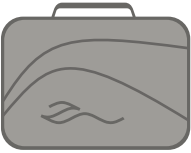


Storage Bag

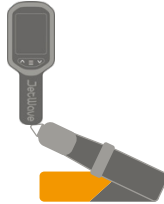


Battery (Endurance/Performance)

 Remote Control Kit



Storage Bag



Remote Controller  
+ Buoyancy Wristband



M6 螺钉



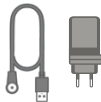
M4 Hex Key



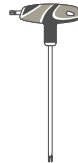
Sealing Rings Spare Parts



O-Sealing Rings



Magnetic Cable+Charger



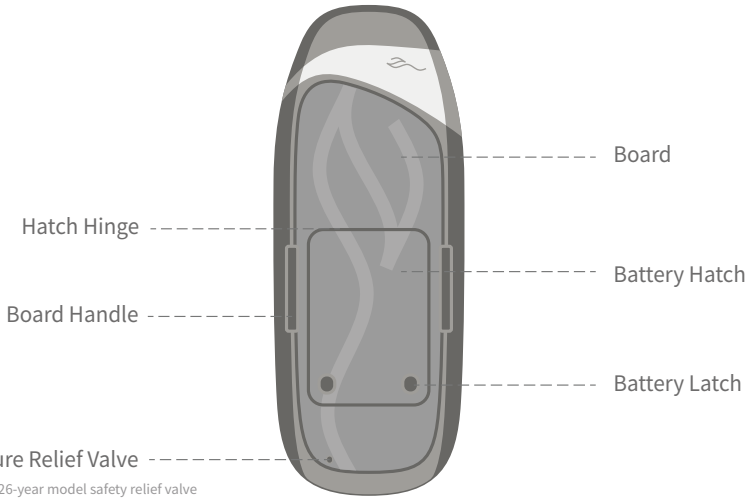
Torx Screwdriver T30



In the Box

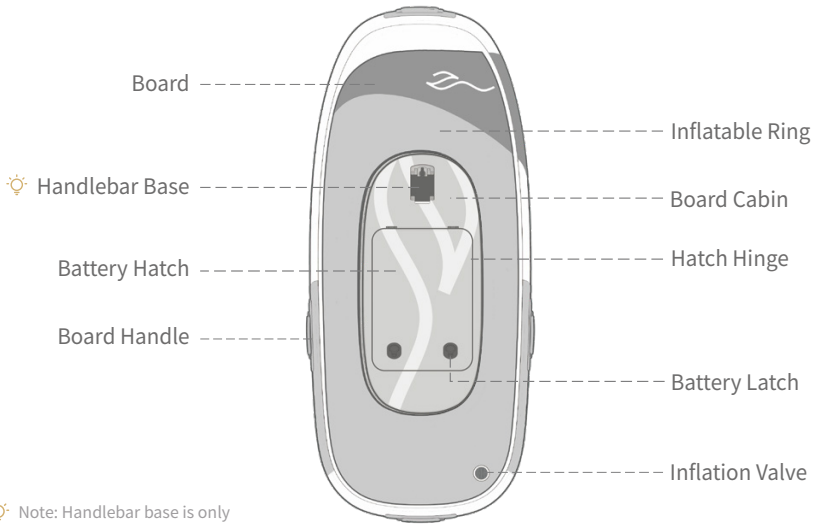
# Part Names


## Board - Carbon Series



 **Pressure Relief Valve**  
 (The new 26-year model safety relief valve has been moved to the back of the board)

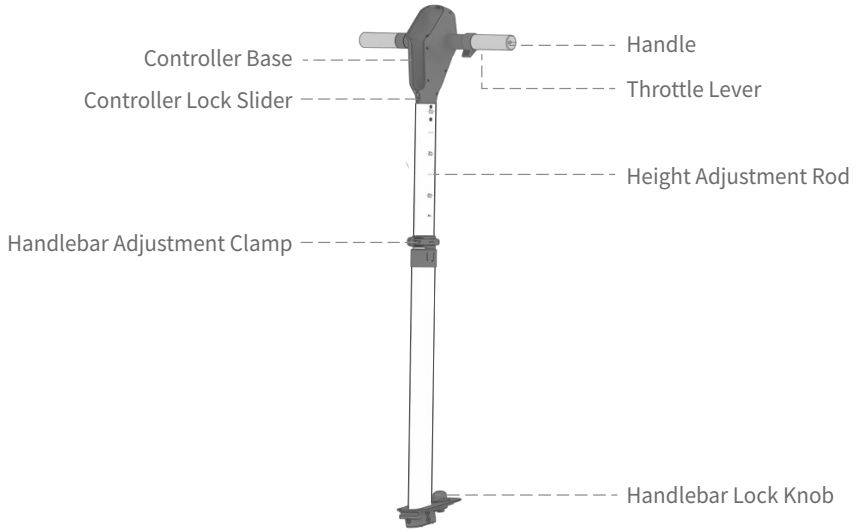
## Board - Air Series



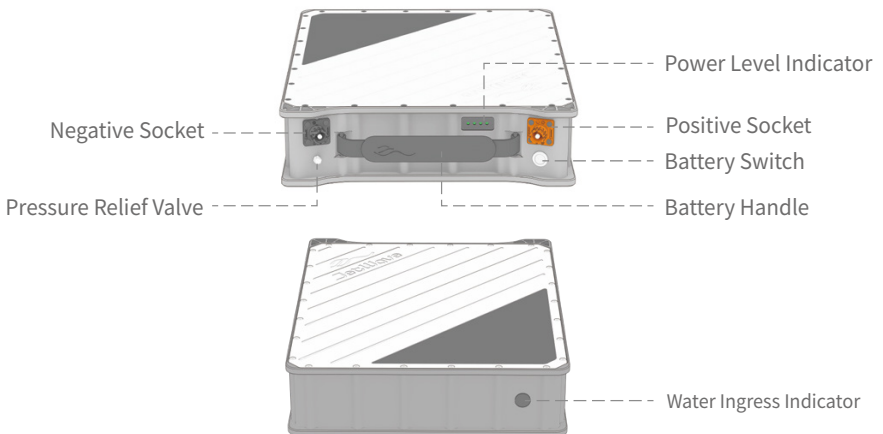
 **Note:** Handlebar base is only equipped on A230

# Part Names

## Handlebar (A230 only)

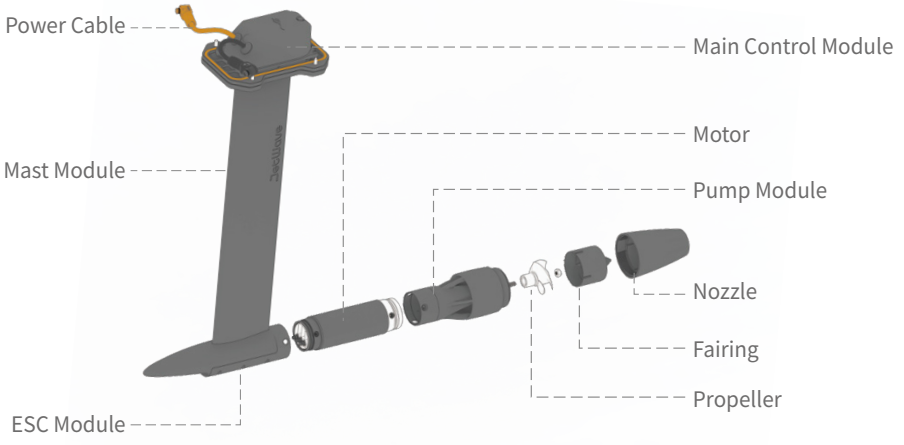


## Battery

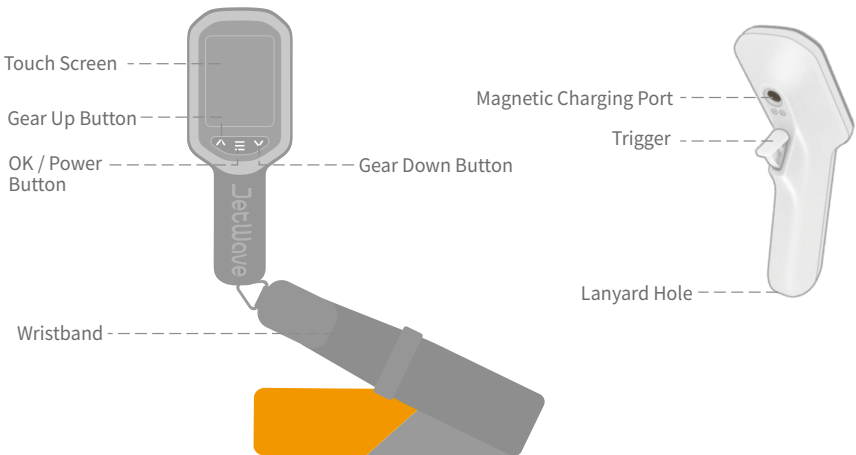


# Part Names

## eFoil Power Module



## Remote Controller



# Technical Specifications

Model		C100	C75	C55	A230	A150	A100
Board	Material	Carbon			PVC, Fiber, PMI		
	Buoyancy	100L	75L	55L	230L	150L	100L
	Size	166x66x12(cm)	150x61x12(cm)	138X54X12 (cm)	201x86x15(cm)	181x77x12(cm)	156x70x12(cm)
	Weight <sup>[1]</sup>	11.5kg	9.8kg	6.8kg	14kg	12.3kg	11kg
Handle	Handlebar	/	/	/	Support	Optional	/
Mast	Length	80/75cm	80/75cm	80/75cm	75/60cm	75cm	75cm
	Material	Carbon			Aluminum alloy		
Power	Motor				6kW		
	Propulsion				Pump-jet		

Wings	Cruiser Wing F1750	Sport Wing F1300	Race Wing F700
Features	High Stability, Low Speed Takeoff	Low Resistance, High Efficiency, Balanced Performance	High Speed, Agile Handling
Target Users	Beginners, Rental Business	Beginners, Intermediate	Pro, Competitions
Stabilizer	R500	R350	R200
Top Speed <sup>[2]</sup>	40km/h	45km/h	50km/h
Takeoff Speed	15km/h	20km/h	25km/h
Endurance Time <sup>[3]</sup>	120min	110min	70min
Endurance Mileage <sup>[3]</sup>	30km	30km	25km

Battery	Capacity	Weight	Cycle Life	Charging Time	Water proof Rating	BMS Features
Endurance	55Ah 2429Wh	14.8kg	1000 cycles	2h (Fast Charge) / 1h (Super Fast Charger)	IP67	Overheat Protection, Over-Current Protection, Overvoltage Protection, balancing, Water Detection, Fault Logging
Performance	38Ah 1700Wh	9.8kg	1500 cycles	1.5h (Fast Charge) / 40min (Super Fast Charger)		
Quantum	30Ah 1350Wh	7.3kg	1000 cycles	1h (Fast Charge) / 30min (Super Fast Charger)		

Charger	Fast Charge	Super Fast Charger
Max Power	1200W	3300W
Water proof Rating	IP65	

[1] Product weight may vary due to different material batches and other reasons.

[2] Test data for a 70kg rider in calm water without wind or waves, for reference only. Actual speed varies depending on rider weight, wind, waves, current, etc.

[3] Endurance Time/Mileage tested at eco-speed by 70kg rider flying at a constant economic speed in calm water without wind or waves, with a fully charged long-endurance battery, for reference only! Actual data may vary depending on rider weight, riding speed, firmware version, etc., in different wind and water current environments. Please pay attention to the remote control's battery level reminder during actual flight.

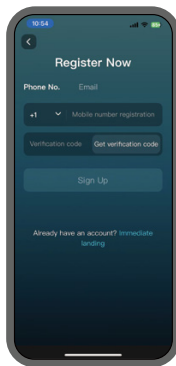
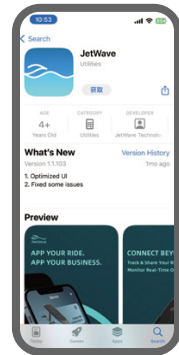
## 2-Preparation Before Use

### Download & Register JetWave App

- 1 Before use, scan the QR code to download the APP, or search for "JetWave" in the Apple App Store or Google Play Store.



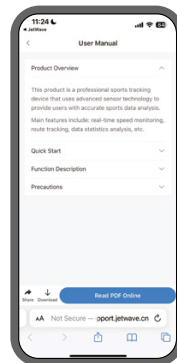
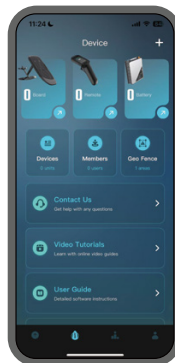
Scan to download now



- 2 Register/login via phone /email.

This JetWave ID and password can be used for quick login to the APP and remote control.

- 3 Enter the device page to read the user manual, safety usage guide, and watch video tutorials.



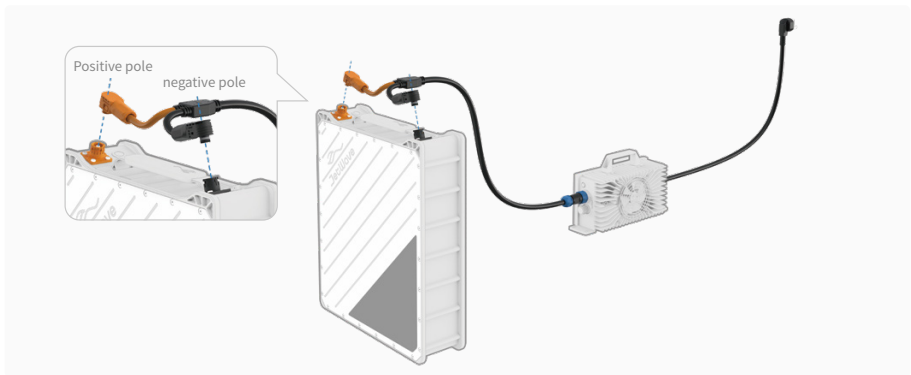
# Device Check & Charging

## 🔍 Device Check

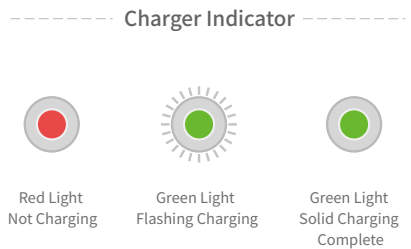
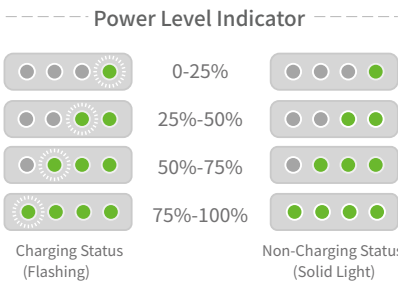
Before use, check that the battery and remote controller are undamaged and verify the integrity of the battery, remote controller, and wings.

## 🔌 Battery Charging

- ① Place the battery and charger in a dry environment, and ensure they are away from fire sources and flammable materials. Charging must be supervised.
- ② Plug AC Cable into outlet (110V-240V).
- ③ Connect Battery Charger to Battery port (match Positive Socket/Negative Socket by color)



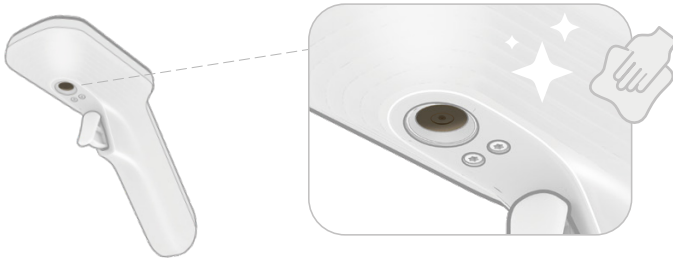
- ④ LED indicates status; unplug when full.



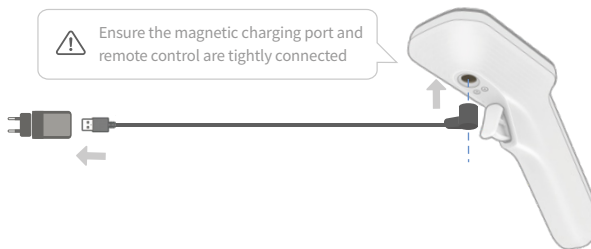
- First use: Charge to activate
- Standard Charging Time: ~2h (Endurance Battery)

## Remote Controller Charging

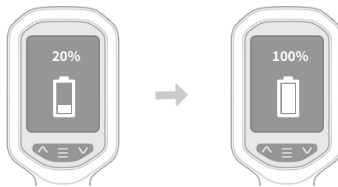
- ① Ensure the remote control's magnetic charging port is clean and free of dirt.



- ② Use included Magnetic Charging Cable.



- ③ Charge to >50% before use.



- ④ Unplug when full.



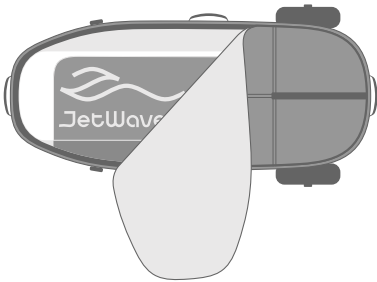
- The charging environment temperature should be around 25°C, away from fire sources and flammable materials, and charging must be supervised.

## 3-Assembly Steps

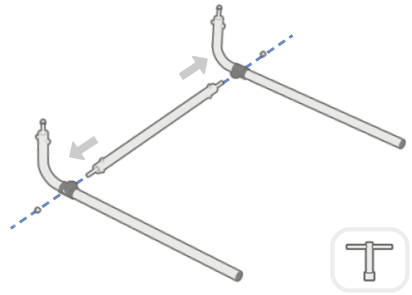
### Board Assembly

#### Carbon Series Towing Cart Assembly

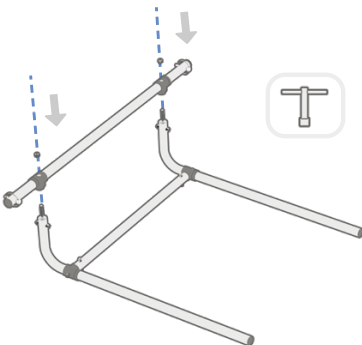
- ① Check the towing cart accessories in the packaging bag (see P04).



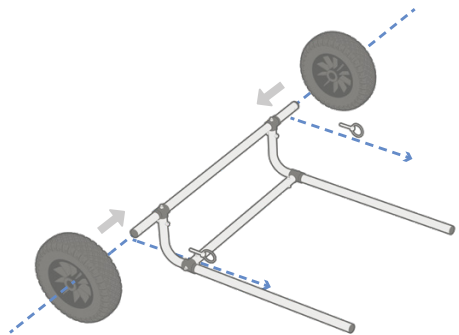
- ② Connect and tighten tubes with screws.



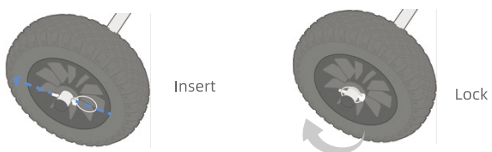
- ③ Secure long tube with end screws.



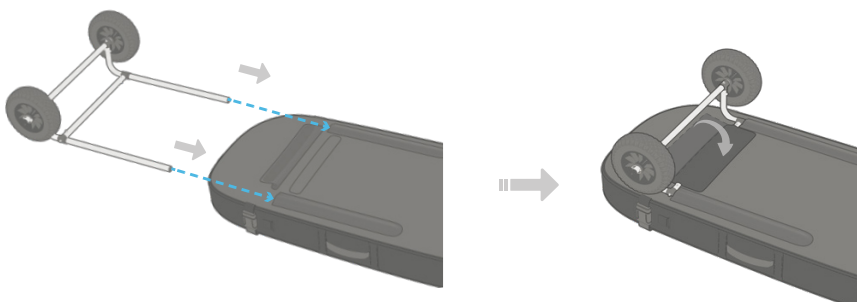
- ④ Install and secure wheels with screws on both sides.



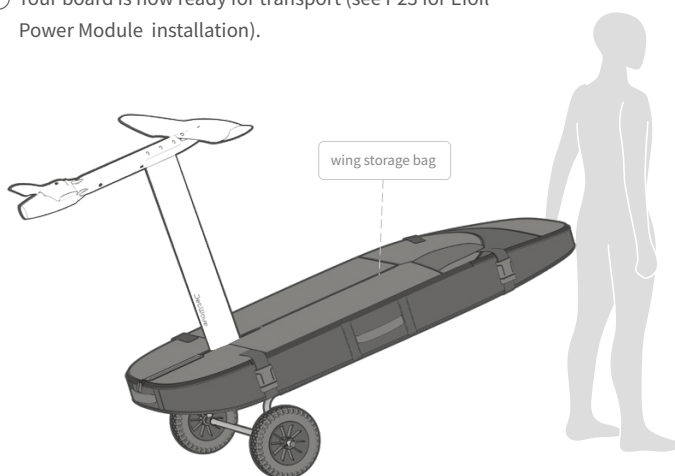
- ⑤ Secure wheels with outer screws.



- ⑥ Insert assembled tubes into travel bag and secure with adhesive.

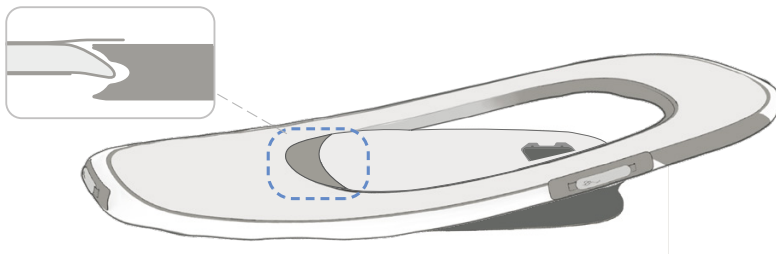


- ⑦ Your board is now ready for transport (see P23 for Efoil Power Module installation).

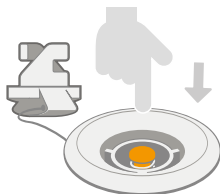


## Air Series Inflation

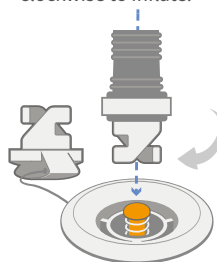
- ① Place the inflatable ring over the board cabin from front to back, inserting the front into the gap between the cabin and bottom curtain, then pull backward to fully seat.



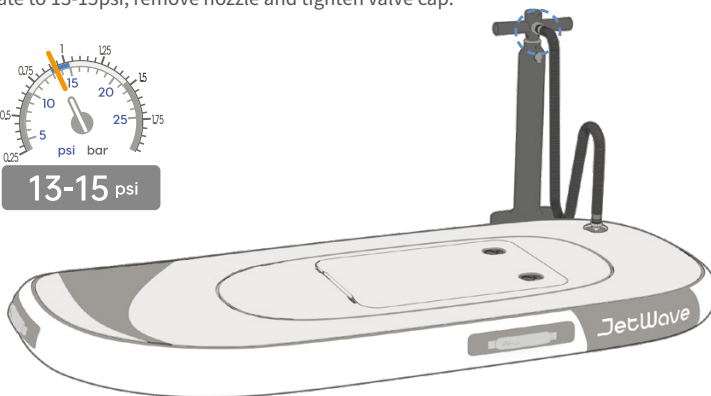
- ② Gently press the center pin with your finger. It should depress easily and spring back up when released.



- ③ Insert and rotate pump nozzle clockwise to inflate.

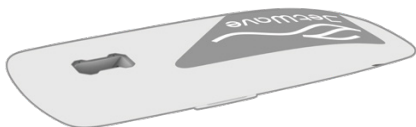


- ④ Inflate to 13-15psi, remove nozzle and tighten valve cap.

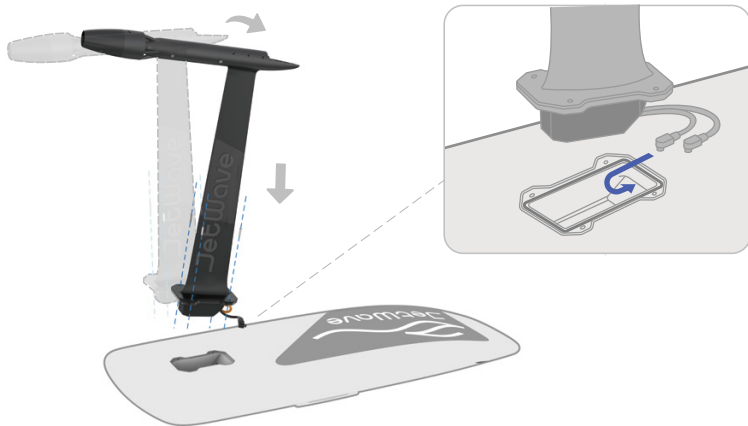


## eFoil Power Module Installation

- 1 Place Board upside down.

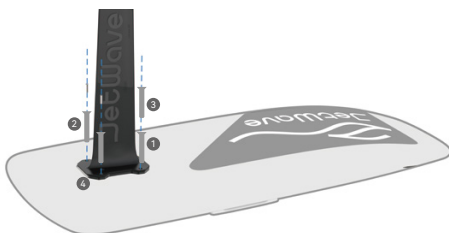


- 2 Insert eFoil Power Module (Mast forward). Align connector with slot.



- 3 Secure Mast with M6 screws.

Required screws  
M6\*30 x4



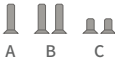
- Inspect Sealing Rings before installation
- To remove: Unscrew Mast first, tilt the mast forward, pull out the main control box connector, then remove the power module

## Wing Installation

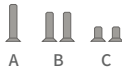
- ① Get wing parts from accessory bag.



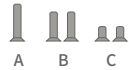
F700 + R200



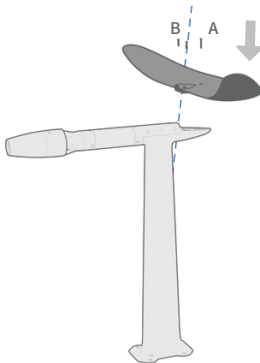
F1300 + R350



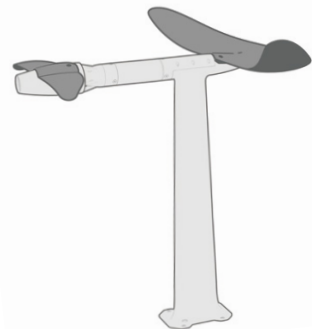
F1750 + R500



- ② Attach “Front Wing” to front of “eFoil Power Module” with screws.

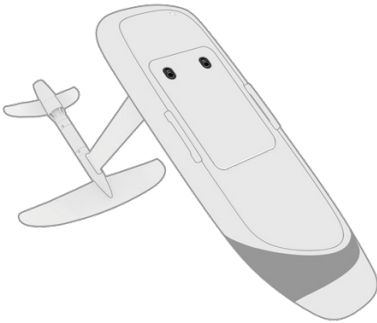


- ③ Attach “Stabilizer” to rear with screws.

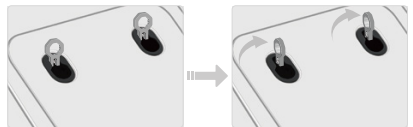
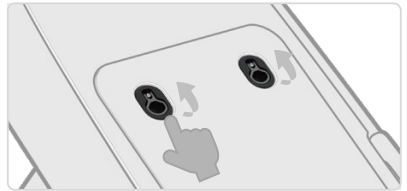


## Battery Installation

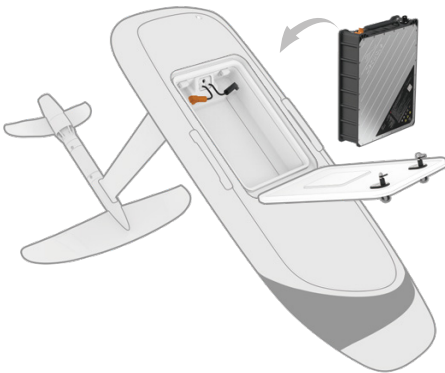
① Place board face up on flat surface.



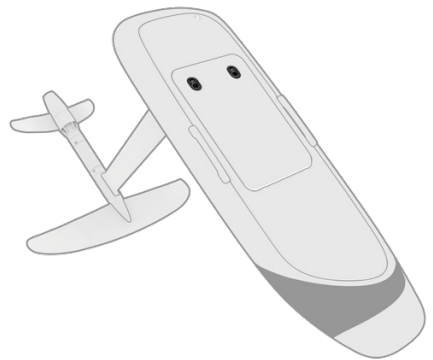
② Open Battery Latch : Lift → Rotate 90° → Open.



③ Insert battery label-up and connect colored plugs.



④ Close hatch and rotate latch back 90° to lock.



⑤ Board will power on automatically with startup sound.

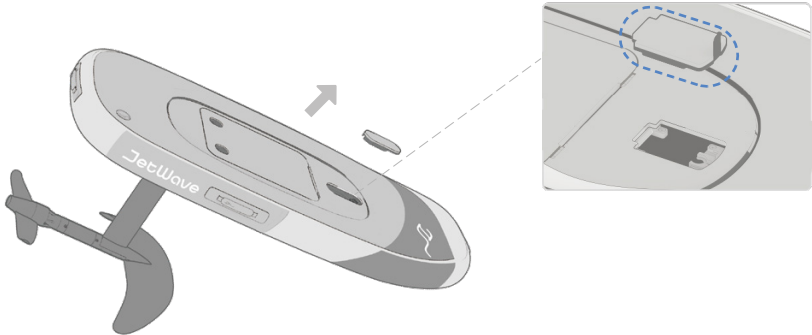


- Small amounts of water in the cabin after opening the battery hatch are normal. If excess water enters, check that the sealing ring is clean, undamaged, and free of sand.

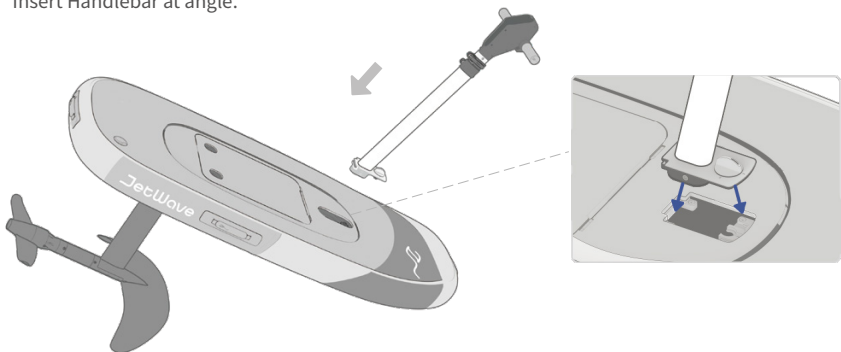
## Optional Accessory Installation

### Installation of the handrail (A230 Only)

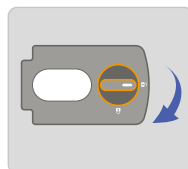
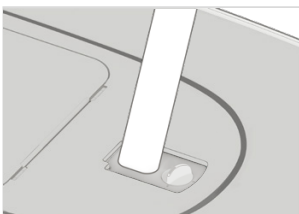
- ① Remove cover.



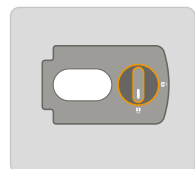
- ② Insert Handlebar at angle.



- ③ Rotate Handlebar Lock Knob 90° to lock.



Unlocked state



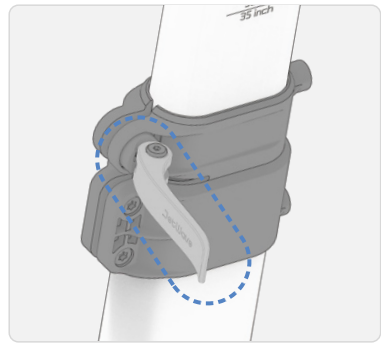
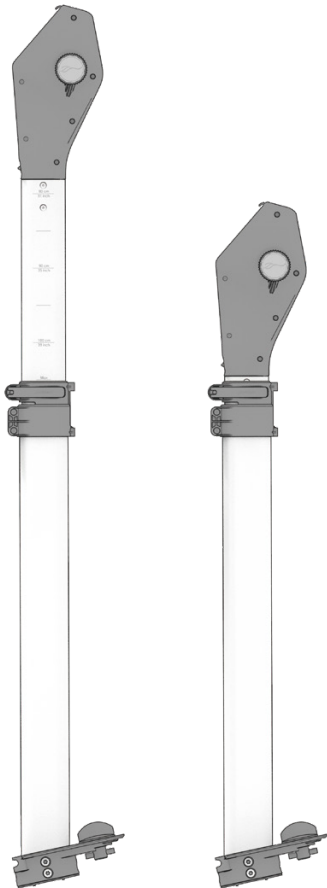
locked state



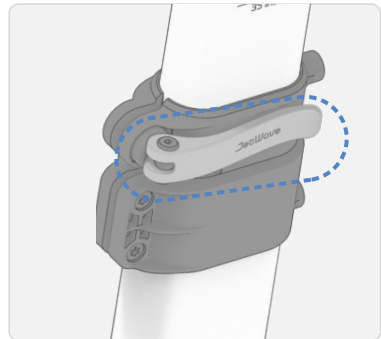
- Please ensure the hatch knob is in the locked state, otherwise the handlebar may accidentally detach during use and sink into the water.

## Handlebar Height Adjustment (A230)

- ① Unlock Handlebar Adjustment Clamp (flatten lever).
- ② Adjust Height Adjustment Rod (do not exceed max mark).
- ③ Lock clamp.



Straight and adjustable state



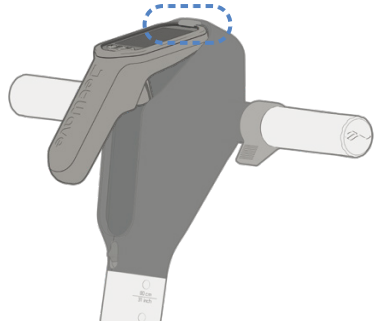
Pressed and locked state

## Remote Controller Mounting (A230)

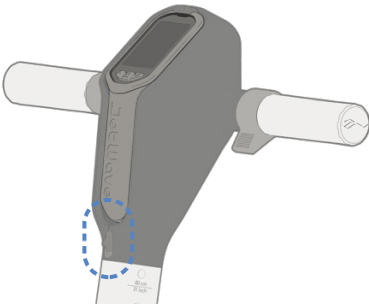
- ① Power on Remote Controller and Board. Power on Remote Controller and Board.



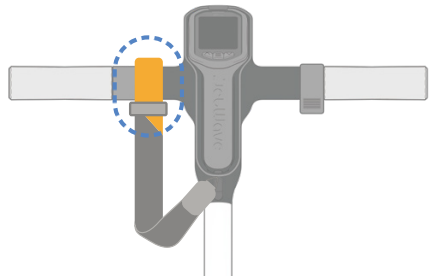
- ② Attach Remote Controller top-first to Remote Control Base.



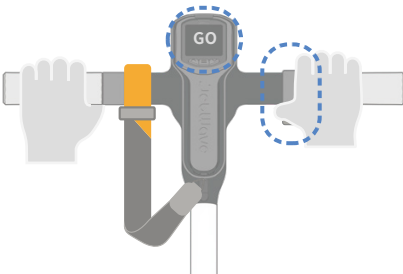
- ③ Insert the bottom of the remote control into the base and make a "pop" sound



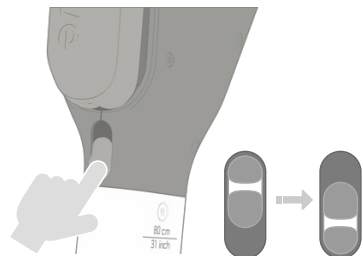
- ④ Secure Buoyancy Wristband to Handlebar.



- ⑤ Click "Go", then press the lever down with your right hand to control the throttle output.



- ⑥ At the end, long press the OK button for 3 seconds to end the session first, slide down Controller Lock Slider to remove the remote control.



- If the lever is released and the motor is still rotating, please calibrate the remote control. Refer to P43 for details.

## 4-Connection & Pairing

### Remote Control Pairing

Press and hold the power button on the remote control for 3 seconds, to power on. Connect the paired Board according to the prompt.



Press Power Button 3s (vibrates on)



Select "Search Pairing"



Waiting for search



Choose Board from list



Connected and paired



- When it is turned on for the first time, the board will be automatically activated after the battery is installed (please ensure a network connection).
- Check whether the network of the remote control is normal. Only when the network is normal can the board be successfully activated

### Automatic pairing connection after disconnection

During the voyage, if the remote control loses connection due to falling into the water, please wait until the automatic reconnection board lights up. After the screen display pauses, briefly press the "OK" button on the remote control to continue the voyage.



Auto-reconnecting to board...



Press OK on remote to continue after connected

# Initial Device Binding

For board owners, it is recommended to scan the QR code with the App to bind the device in order to enjoy more services, such as remotely accessing device session records, setting safety zones, and activating product warranty periods.

- 1 Open the QR code on the remote control when successfully connected to the board .



Swipe down to pop up the Remote Controller Settings



Click "About"

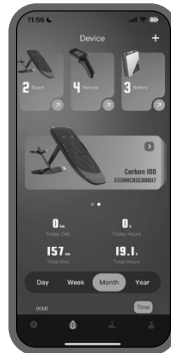


Click "Bind ID"



Show QR code.

- 2 In app, tap "+" on Device page, Scan QR code.



- 3 After successful binding, the APP device interface will display the bound device information; the controller will display the bound ID information.



- Warranty period varies by region and usage. Additional warranty benefits beyond standard coverage are only available to the original owner after binding. See JetWave website for complete warranty terms.

### I User Login (Optional)

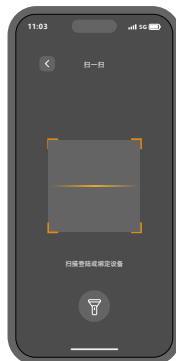
Login Method 1: Open the "Login" interface on the remote control and log in by scanning the code with the APP.



Swipe up to access login screen



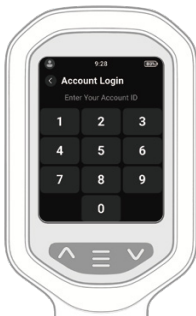
In APP, go to Personal Center and tap scan icon



Login Method 2: Enter the JetWave ID and password on the remote control screen to complete the login.



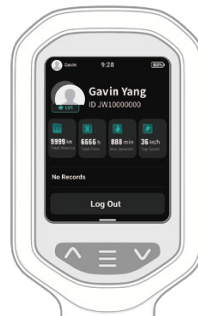
Click "Account Login"



Enter JetWave ID



Enter password



Submit to login



- Get your JetWave ID/password from APP Personal Center > Avatar > Personal Information.
- Riders can view sessions on devices they log into.
- Device owners can view all records for their devices.

# Mode Selection & Gear Setting

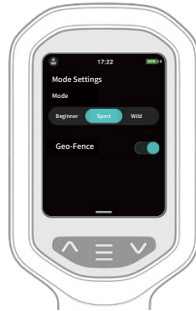
- Choose between three control modes (Beginner/Sport/Wild) based on your skill level.



Swipe down for Settings



Select Mode Settings



Choose your mode

Beginner

Sport

Wild

Select the corresponding mode according to your proficiency level

- Each mode has different gear settings that you can adjust as needed.

Wild S

Sport 6

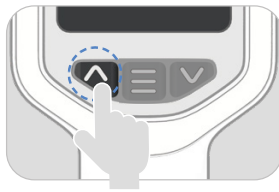
Beginner 8

1  
2  
3  
4  
5  
6  
7  
8  
9  
10

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15



Display mode and gear selection on the home page



Press the left button to increase gear



Press the right button to decrease gear

## Speed Limit Setting

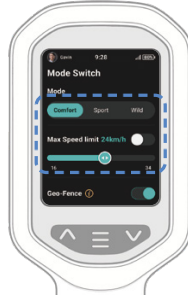
- In Comfort mode, a speed limit can be set, with an adjustable range of 16–34 km/h for the maximum speed.



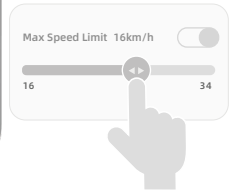
Swipe down for Settings



Select Mode Settings



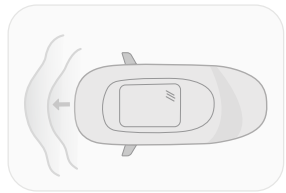
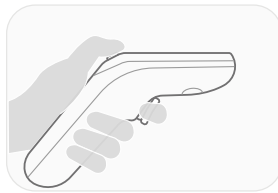
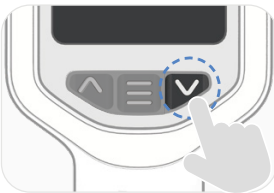
Select "Comfort" Mode



Slide left and right to set the maximum speed limit

## Reverse Mode

- Press and hold the downshift button on the right side of the remote until the forward status on the screen changes to reverse mode. Then pull the trigger to make the board move backward."



Forward mode



Reverse mode



In reverse mode, you must keep the remote button held down (releasing it will instantly switch back to forward mode). At the same time, slowly pull the trigger to make the board move backward. Avoid surrounding obstacles and be cautious to prevent accidents.

# EFOIL Mode: Step-by-Step (Beginners)

## 1- Preparation Before Ride

- ① Choose a suitable location:
  - Install battery in dry, sand-free area and lock securely.
  - Water depth must exceed 1.2m to avoid hydrofoil bottom contact.
- ② Wear safety gear:
  - Wear helmet, life jacket, and wetsuit.
  - Attach safety leash to ankle/wrist to secure board.
- ③ Inspect equipment:
  - Check board, power system, and hydrofoil for damage.
  - Verify battery is fully charged and properly locked.
  - Confirm remote control functionality.
- ④ Launch equipment:
  - Transport board to proper depth with power system off to prevent accidental activation.
- ⑤ Remote control settings:
  - Secure wristband and set to beginner mode.
  - Select gear based on weight table below:

Suggested gear position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Suggested weight (kg)	≤30	30-35	35-40	40-45	45-50	50-55	55-60	60-70	70-80	81-85	85-90	90-93	93-95	95-96	>96

- Tap GO or press OK to begin.

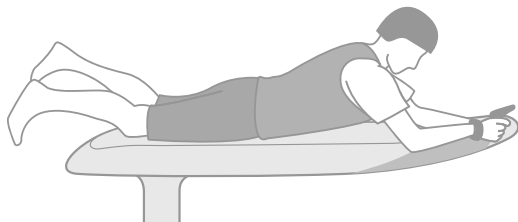
## 2- Beginner's first learning - Glide in a prone position

- ① Mounting the board:
  - Position yourself behind the board's tail.
  - Grab the handles with both hands and climb onto the board by pressing down and jumping up.
  - Balance yourself once mounted.

⚠ Note: Avoid kicking the wings or mast!

② Starting in Prone Position:

- Gently press the trigger to start moving.
- As the board's front starts lifting, lean your body slightly forward.
- Keep the speed steady and smooth.



③ Glide in Prone Position:

- Once you're stable, gently press the trigger a bit more to speed up.
- If the front of the board lifts too high: Keep the speed steady. Move your body weight forward. Wait until the board is level with the water.

⚠ Important: Don't go too fast — you might lose control!

④ Learning to Turn:

- While gliding at a steady speed:
  - Move your weight to the left ⇒ Board turns left
  - Move your weight to the right ⇒ Board turns right
- Keep your speed steady while turning.

Once you can get on the board, glide, and turn easily, you're ready for the next step.

### 3- Moving to Kneeling Position

① Keep Your Speed Right:

- Stay at 6-8 km/h while lying on the board. Going too slow will make the board sink, while going too fast will make your ride rough.

② Get into Kneeling Position:

- While keeping steady, move one foot back past the battery cover.
- Use your hands to stay balanced, then carefully slide onto your knees.



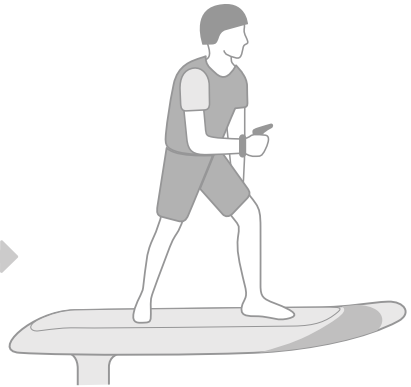
#### 4- Standing Glide

① Control Your Speed:

- Maintain 8-12 km/h while kneeling before standing.

② Stand Up:

- With steady speed, place hands by battery hatch.
- step front foot forward in lunge position.
- smoothly stand using core strength.
- Keep weight forward for level board.

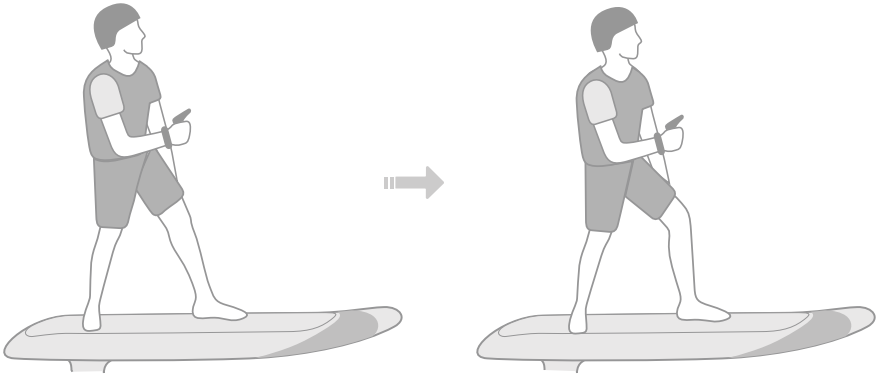


③ Perfect Your Stance:

- Stand with shoulder-width feet.
- front foot straight and back foot diagonal.
- Keep knees bent, body straight, and eyes forward.

④ Master Standing Glide:

- Use front leg pressure to control board nose.
- Keep board level on water surface.
- Gradually find the appropriate speed that can glide smoothly



⑤ Learn to Turn:

- Maintain steady speed while gradually shifting weight in turn direction.
- Center weight afterward to continue straight.

After mastering these skills, you can progress to flying.

## 5- Attempting Flight

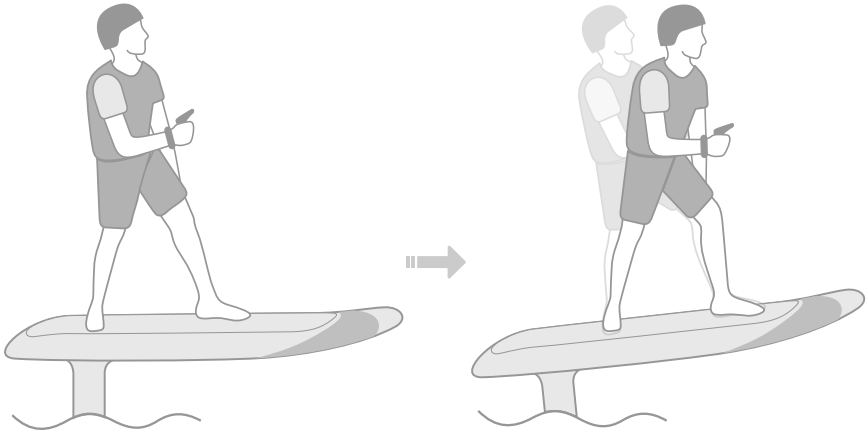
— Objective: A safe experience of briefly flying off the water surface

① Reach takeoff speed:

- Accelerate smoothly while standing until stable gliding.
- Reach takeoff speed (13-15 km/h)

② Practice brief lift-off:

- Slowly shift weight backward while gliding.
- When front lifts, shift weight forward to land gently
- Aim for brief "Touch & Go" rather than height or distance



③ Practice regularly:

- Repeat Touch & Go
- Focus on weight-shift control
- Start with short, low flights to build balance

④ Height control:

- During flight, control height through subtle weight shifts:

Backward ⇨ Rise

Forward ⇨ Lower

⚠ Note: Maintain steady speed for smooth control!

## 6- Falling Safely

Learning how to fall safely and landing in water is an essential part of the learning process.

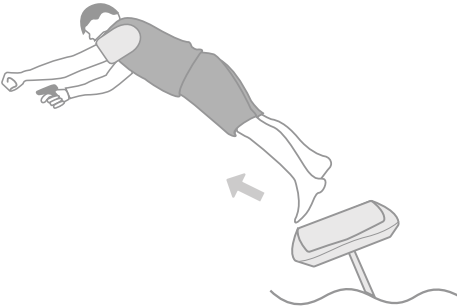
① Release the accelerator immediately:

- Release throttle immediately when losing balance.



- ② Select the direction of falling into the water:
- Fall sideways and backwards, away from the board

💡 Note: Avoid contact with wings and mast



- ③ Quickly return to the board:
- Swim back to board from the tail end.
  - Stay clear of wings and mast when approaching.



## 7- Continuous Practice and Improvement

- ① Extend the flight time:
- Gradually increase flight duration as skills improve.
- ② Practice turning:
- Check for obstacles before turning.
  - Lean body smoothly in turn direction.
  - Return to center position after turn.
- ③ Get guidance:
- Study advanced rider videos.
  - Take professional training courses for faster progress and proper technique.

## A230 SCOOTER Mode: Step-by-Step

The A230 Scooter mode features a handlebar and supports up to 230kg, letting beginners start with standing gliding directly.

### 1- Before Starting

Same as page 29. Choose a safe water area, wear protective gear, and check equipment.

#### ① Setup:

- Adjust handlebar height to fit you.

#### ② Remote Control:

- Set to beginner mode and proper gear based on weight:

Suggested gear position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Suggested weight (kg)	≤30	30-35	35-40	40-45	45-50	50-55	55-60	60-70	70-80	81-85	85-90	90-93	93-95	95-96	>96

#### ③ Start session:

- Press GO or OK to begin

### 2- Standing Glide

#### ① Standing Position:

- Hold handlebar, place front foot 20cm behind hatch.
- Add back foot, stand shoulder-width, knees bent.



② Gliding:

- Control throttle with right hand.
- Start slowly, accelerate smoothly.
- Lean forward, keep board level.

⚠ Note: Avoid sudden speed changes!



③ Turning:

- Keep steady speed (6-8 km/h)
- Shift weight for turns
- For slow turns, step back and shift weight gradually

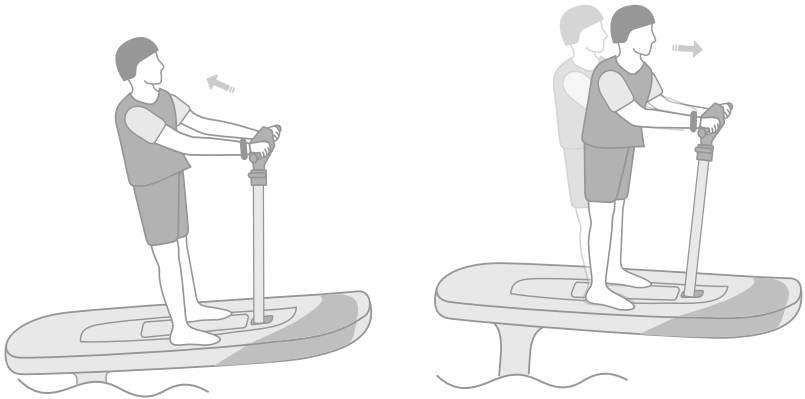
⚠ Note: Mount from tail after falls!

### 3- Attempting Flight

① Attempting Flight Touch & Go:

- Reach 13-14 km/h, maintain speed
- Lean back to lift nose
- Center weight when lifting, then land gently

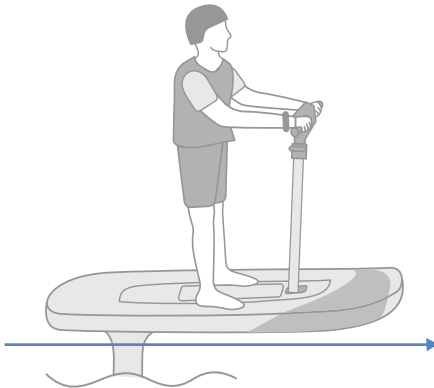
⚠ Note: Board must reach proper speed before lifting!



② Extended Flight:

- Keep board level after takeoff.
- Maintain stable flight under 30cm height.

⚠ Warning: Excessive height risks falling



#### 4- Landing

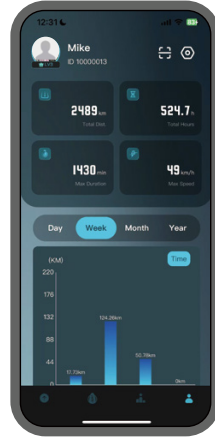
- Reduce speed gradually
- Release throttle when stopped
- Hold OK for 3s to end

#### Summary:

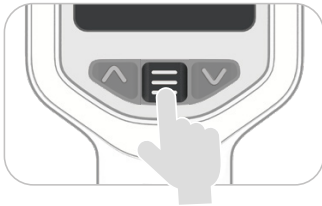
Practice patiently and safely. Enjoy the unique experience of gliding to flying!

## Ending Your Ride

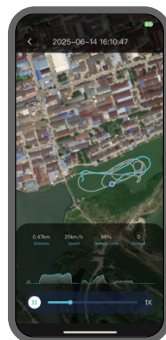
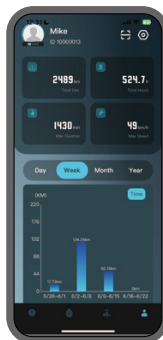
- Hold the power button for 3 seconds to end your ride and sync data to the app.



- To power off, hold until shutdown screen appears, then slide to confirm.  
For force shutdown, hold for 10 seconds.



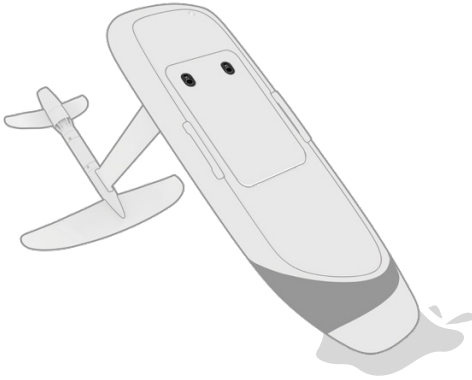
- View Session Log in app (Personal Center → Ride History).
- Note: Session records are only valid when logged in before riding.



## 6-Storage

### | Cleaning After Use

- ① Turn off remote control with long press and slide.
- ② Tilt board tail-down to drain water.



- ③ After saltwater use, rinse all parts with fresh water and dry.
- ④ If battery contacts get wet, rinse with fresh water and dry thoroughly. Wipe dry with towel.  
NEVER use high-pressure water.



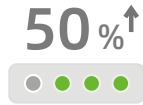
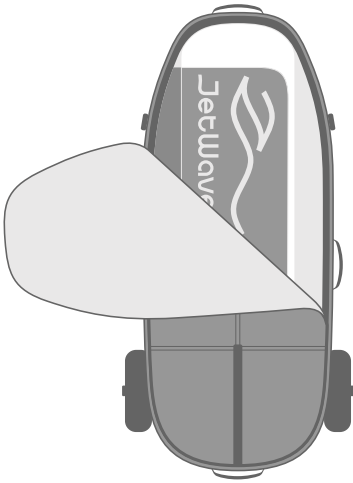
NEVER use high-pressure water



Wipe dry with towel

## Drying and Storage

- Separate components, dry, and store in dedicated bags.
- Store battery in cool, dry place away from sun/rain.
- For storage over 30 days, maintain battery >50% charge.
- Charge battery >50% every 6 months during storage.



- For long-term battery storage, maintain above 50% charge, recharging every 6 months.
- Warranty excludes damage from improper battery maintenance

## Maintenance and Care

Check board and battery regularly for damage. Contact support if issues found.

- Apply WD40 to metal parts regularly to prevent rust.
- Check power module screws monthly and keep them tightened.
- Drain any water immediately through the valve if there is water inside the board.
- Follow app maintenance reminders and refer to official guides for service.

## 7- Advanced Operations

### Firmware Upgrade

The JetWave device supports OTA updates. It is recommended that users regularly check for firmware updates and upgrade to the latest version for a better user experience.

- 1 Power on remote control, ensure connection to board and online.
- 2 Swipe down and select firmware upgrade option.
- 3 Review current versions. Click "Firmware Upgrade" to update all modules with "NEW" status.



Swipe down → Settings



Click "Firmware Upgrade"



Click "Upgrade Now"



Upgrade completed

- 4 For system upgrade, swipe left and click "Upgrade Now".
- 5 Click "Check Version" to upgrade automatically. Remote will restart after upgrade.



Swipe left to system upgrade



Click "Upgrade Now"



Click "arrow" to start



Wait for restart

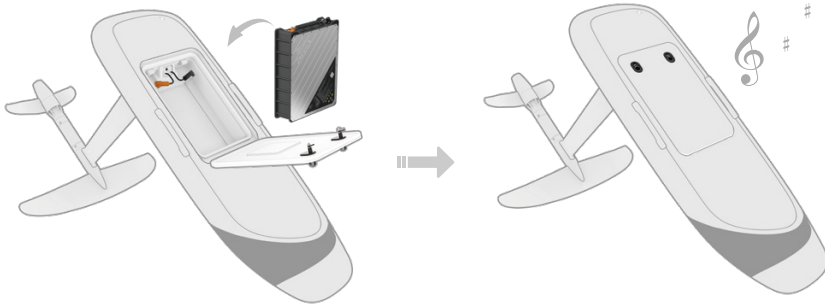


• Remote control battery must be above 50% before upgrading.

## Remote Control Re-Pairing

If the remote control loses connection or is replaced, you'll need to pair it with the surfboard.

- 1 Power on the board with battery installed.



- 2 Turn on the remote control, click search, find the board's Bluetooth signal, and select it to connect.



Turn on the device and click "search"



Click "Search & Pair"



Wait for the search



Select the board that need to be connected

## Remote Control Calibration

- ① Power on remote control in end-of-session state
- ② Go to Settings → Remote Control Calibration
- ③ Follow prompts to calibrate throttle trigger by fully pressing and releasing multiple times



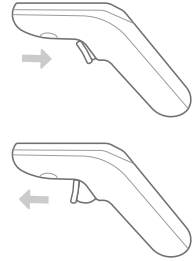
Swipe down for Settings



Click "Remote Control Calibration"



Click "Calibrate"



Press and release throttle fully

## Throttle Curve Setting

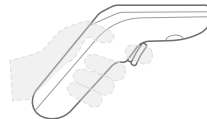
- ① Swipe left on the remote control calibration page to enter the Throttle Curve interface.
- ② The Throttle Curve has four modes: 1.Normal Mode (default, constant speed) 2.Sport Mode (fast then slow) 3.Comfort Mode (slow then fast) 4.Custom Mode (user-defined curve)  
Select the first three modes directly. For Custom Mode, go to the next page to configure.
- ③ Custom Curve Settings: Hold down the trigger, then select a coordinate point on the screen. While holding the point, drag your finger up or down to adjust its height. You can also use the up/down buttons on the remote control. Adjust all coordinate points in sequence to complete the custom curve.



Swipe left → Throttle Curve



Select the appropriate mode.



In Custom mode, hold down the trigger and tap a coordinate point, then drag your finger up or down to adjust it.

# Remote Control Network Status Checking

Network must be available at first power-on for successful board activation.

- 1 Power on remote control, swipe down for settings.
- 2 Go to System Parameters → Network Settings.
- 3 Check network status - contact support if not normal.



Swipe down → Settings



Click "System Parameters"

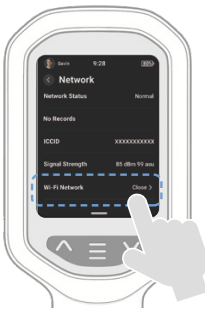


Click "Network Settings"



Check "Network Status"

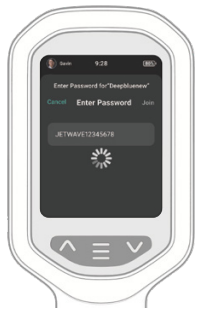
- 4 In scenarios where a wireless WiFi hotspot is available, you may also choose to use a wireless local area network (WLAN).



Select "Wireless LAN".



Turn on the switch and select the hotspot you want to connect to



Enter the password and wait for the connection



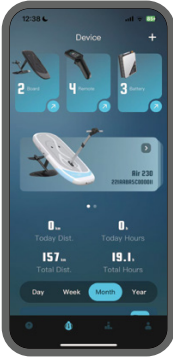
Connection successful



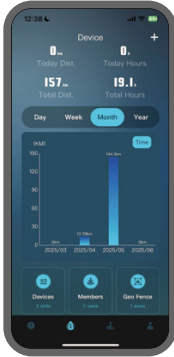
- JetWave provides 2 years of free 4G data. After expiry, users should renew their subscription or use a WiFi hotspot.

# Viewing Session Data

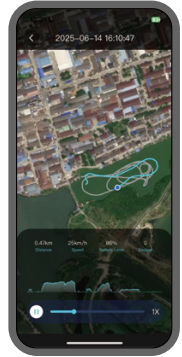
Device owners can view usage, maintenance, and session logs for their board, remote control, and battery through the APP device interface.



Open Device Interface in App



View Board Details Data



View Session Log Details

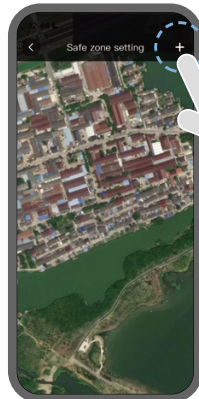
# Setting Safety Zone

The safety zone feature restricts board operation to a defined area. Warnings and speed limits activate when approaching boundaries.

① Open APP and select "Geo Fence"



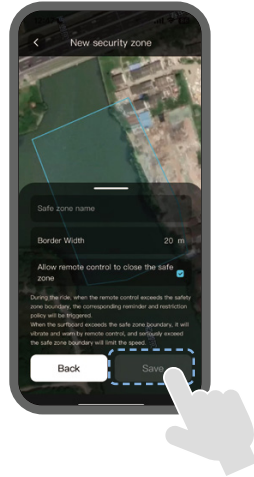
② Click "+" to add new zone



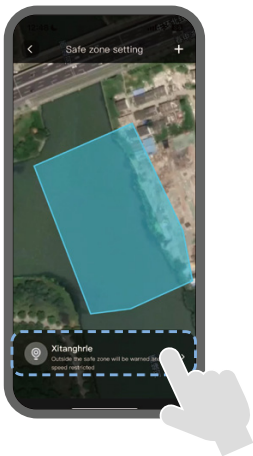
③ Draw zone boundary on map by tapping points. Double-tap to finish, then click "Next"



④ Name zone, set geo fence boundary settings, and save.



⑤ View saved zone in interface

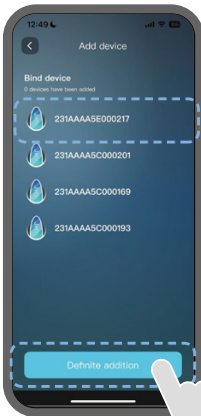


⑥ Add devices through "Add Device" button

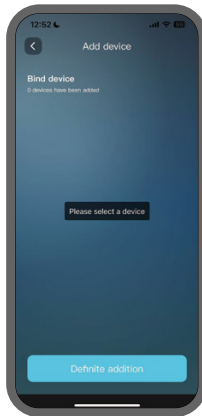


- Note: Include start/end areas in zone.
- When creating a new safety zone, if "Allow Remote control to close Safety Zone" is not checked, the "Electronic Fence" function button on the remote control will not be clickable

⑦ Select and confirm devices to add to zone



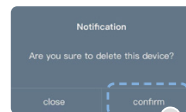
Available devices can be added directly



Unavailable devices need binding first



⑧ Manage devices in zone details. Remove devices using delete icon



Note: Devices in safety zone have restricted operation. Exceeding boundaries triggers warnings and reduces speed to gear 1, allowing only slow return to zone.

## 8-Troubleshooting & Support

### Frequently Asked Questions

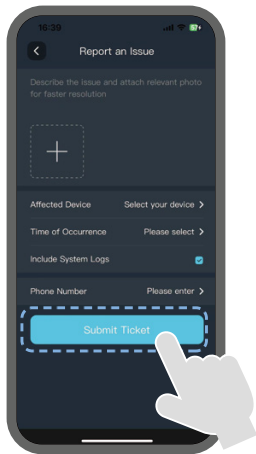
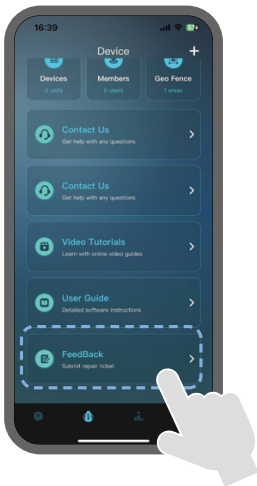
No.	Description	Solution
1	Water ingress in board cabin	<ol style="list-style-type: none"><li>1. Check if the battery latch is securely engaged and adjusted to the correct height.</li><li>2. Ensure the sealing ring is clean and free of sand or debris.</li><li>3. Avoid overloading the board (maximum recommended load:120 kg).</li></ol>
2	Slow remote controller charging	<ol style="list-style-type: none"><li>1. Clean the remote controller's magnetic charging contacts with a damp tissue,</li><li>2. Charge using the official magnetic charging adapter.</li></ol>
3	Sudden power loss during flight	<ol style="list-style-type: none"><li>1. Check battery LEDs for power level.</li><li>2. Verify battery-power module connection is secure.</li><li>3. Keep main wing submerged during flying.</li></ol>
4	Remote controller cannot connect to the board	<ol style="list-style-type: none"><li>1. Check that the board battery is powered on and working.</li><li>2. Inspect battery cabin for water ingress</li><li>3. Check if board is already connected to a different remote.</li></ol>
5	Insufficient propulsion from the eFoil	<ol style="list-style-type: none"><li>1. Check and recharge battery if needed.</li><li>2. Clear propeller and nozzle of debris.</li><li>3. Inspect propeller and nozzle for damage; replace if worn.</li></ol>
6	Throttle response is delayed or nonlinear	<ol style="list-style-type: none"><li>1.Recalibrate remote throttle</li><li>2. Inspect battery cabin for water ingress</li></ol>
7	Remote controller fails to power on	<ol style="list-style-type: none"><li>1. Check remote controller battery - recharge if low before powering on.</li><li>2. Check casing for damage that could allow water inside.</li></ol>

No.	Description	Solution
8	Battery water ingress	Inspect the water ingress indicator on the battery's bottom. If you see a red indicator, your battery is damaged—immediately remove it and contact JetWave after-sales service.

## Technical support channels

If you encounter any abnormal malfunctions during use, please record them and submit a ticket through the "Feedback" section on the APP device page.

For the fastest and most convenient assistance, please contact your nearest authorized dealer or official service center. They are expertly trained and equipped to help you locally.

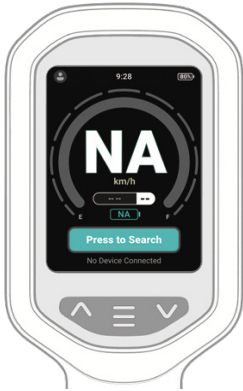


[support@jetwave.ai](mailto:support@jetwave.ai)

Prefer to contact us directly?  
You can always reach our support team via email

## 9 - Appendix

### Remote Control UI Description



Unconnected plate body status



It is in the connected startup status

Icon	Meaning	Description
	Controller Battery Level	Displays controller battery level and charging status.
	Current Time	Displays current time or time remain
	Rider	Displays current rider login
	No Connection	Board not connected
	Speed	Current speed
	Control Mode	Current control mode.
	Gear	Switch gears with up and down buttons
	Board Battery Level	Pay attention to power remained to ensure safe return
	Throttle Output	Real-time display of throttle output status
	Duration	Displays current ride time
	Distance	Displays current ride distance
	Max Speed	Displays maxim speed in this session

### Learning Resources

Swipe down on the APP "Device" page to view the full user manual and instructional videos. Pay attention to official website document updates ([www.jetwave.ai/support](http://www.jetwave.ai/support)).



