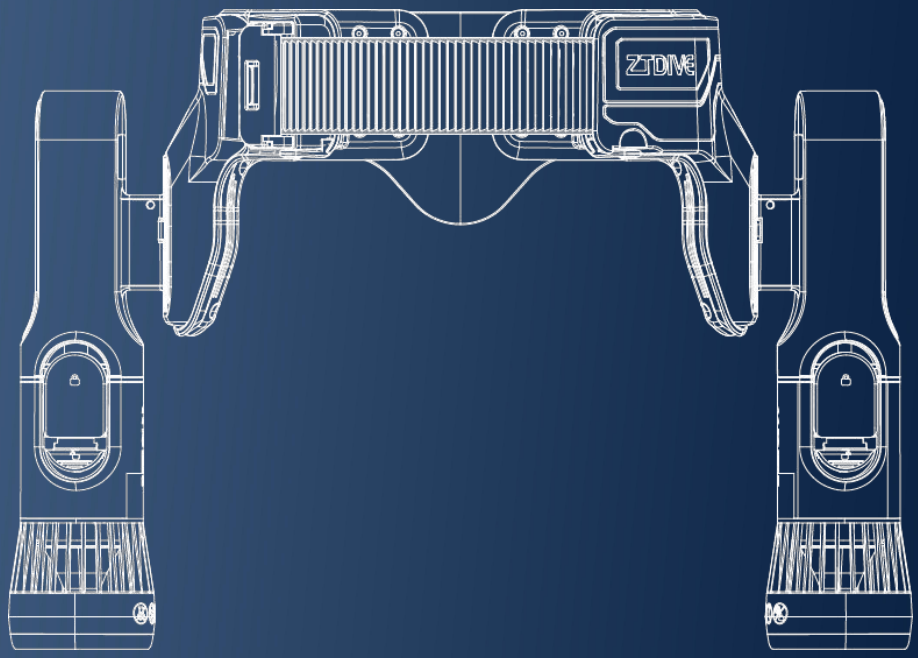
International Appearance
Patent Number：DM/233608

JETDIVE PRO Waist Scooter User Manual

(FCC ID:2BHW8-JETDIVEPRO)



Shenzhen Zhongtian Marine Technology Co.,LTD

----------www.ztdive.com----------

Another way to discover the world

Waste electrical goods are recyclable and should not be disposed of in household waste! Please actively support us in conserving resources and protecting the environment by returning these electrical products to the collection centers (if feasible)!

Introduction

Introducing the world's very first underwater waist scooter—JETDIVE PRO. a revolutionary device designed for hands-free diving, photography, and complex underwater tasks. With ergonomic precision, this device offers an extraordinary underwater experience.
When using the underwater waist scooter, use appropriate equipment such as a wetsuit, a certified lifejacket, a mask and a ventilation hose. Use the underwater waist scooter only in water.

- Only weighs 6.45 kg/14 lb
- Product size: 578*286*398mm/22.7*11.2*15.7 inches
- Battery charging time: 1.5 hours
- Speed up to 9 km/h/5.6 mph.
- Up to 60 minutes of battery life (normal use).
- Revolutionary waist propelling method, bringing an intuitive control experience.
- Remote control bracelet（optional） enables stepless speed regulation and independent control of each propeller.
- Dual-motor design, excellent strong hitting feeling.
- Powered by high-performance chargeable waterproof lithium-ion battery.
- 99.36 watt-hour battery pack suitable for carrying on by airplane.
- Detachable motor and battery modules, convenient for maintenance and transportation.
- Emergency Detachment to maintain user's safety.

01/Important Notes

Warnings

Please read the user manual carefully before using this product

The underwater waist scooter is designed for use by 1 person. Do not use this product for children under 16 years old.

This is not a life-saving device. Do not use it as a buoyancy aid.

Before using the underwater waist scooter, please make sure that the remaining power in the battery is enough to return to the shore surface.

Do not stick body parts, clothes or other objects near the propeller. Do not wear loose or runny clothing or equipment that may be sucked into the propeller.

Be careful when using the underwater waist scooter near people with long hair. Long-haired users should wear a headband or a swimming cap when using the underwater waist scooter.

Pay attention to proper water level, tidal changes, dangerous currents, weather changes and strong sea breeze. Before venturing out, be sure to search for unfamiliar water.

The underwater waist scooter should only be used for scuba diving by qualified divers

Always keep the underwater waist scooter out of direct sunlight when not in use.

Never remove the grille except for maintenance.

Always check the swimming area before using the underwater waist scooter to make sure that there are no dangers or obstacles, such as boats or swimmers.

Risk of crushing/cutting injuries

Always wear a snorkeling life jacket (Personal Floating Device-PFD approved by the local authorities for Snorkeling (U.S. Coast Guard Type III vest in the US or Canadian Coast Guard approved life vest in Canada or SAI Approval PFD in Australia or CE Approved PFD in Europe).

Do not use alcohol or drugs before and during the use of this product.

When using the underwater waist scooter for scuba diving, the ascent and descent should follow accepted diving conventions

Do not use the underwater waist scooter in sand. Sand will damage the motor and shorten its life.

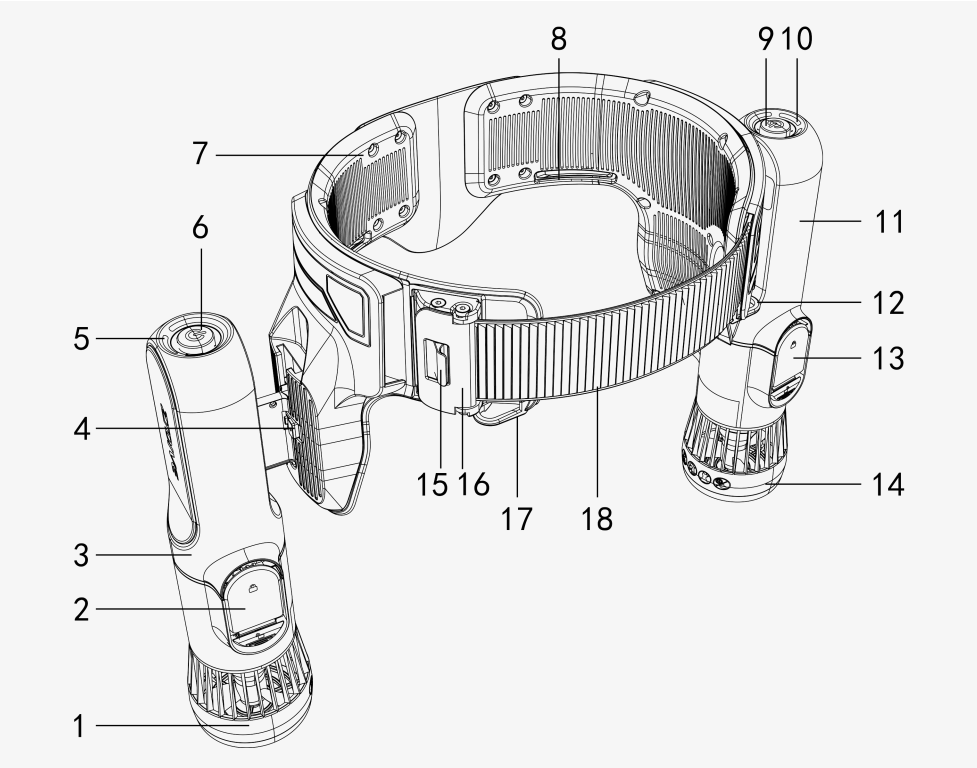
If the underwater waist scooter is not in the water.Please do not let itrun for more than one minute.

When not in use, be sure to turn the main switch to OFF position.

Suggestion

- The equipment is negatively buoyant under all circumstances; do not leave any part of the Underwater Waist Scooter in the water without securing it to the user's waist with a belt.
- When scuba diving with the Waist Underwater Scooter, ascents and descents should follow recognized diving routines.
- Make sure the battery module is fully charged before using the Waist Underwater Scooter.
- Do not expose sunscreen or lotion to the plastic of the Waist Underwater Scooter for extended periods of time as this may cause the plastic to become brittle and crack.
- Do not release or leave the Waist Underwater Scooter in the water. Always remove it from the water when not in use.
- This machine is not intended to be mixed or used with sand, concrete and materials with similar physical properties. This machine is only suitable for swimming and diving in water.
- Do not damage this machine in any way.
- If the battery module is damaged, replace it immediately with a new one.
- The Waist Underwater Scooter should only be used for scuba diving by qualified divers.
- Always store the Waist Underwater Scooter away from direct sunlight when not in use.
- Heat will kill the battery module and it may explode or leak.
- Under no circumstances should this product be used for scuba diving by anyone who has not obtained a C-card (certifying completion of training) from an entity that provides scuba diving instruction. Never remove the grill except for maintenance.
- Familiarize yourself with the performance and battery module life of the Waist Underwater Scooter before any dives or short trips.
- Ensure that the main switch is turned off when not in use.
- Do not use the Waist Underwater Scooter below the recommended maximum depth of 100 feet/30 meters!

02/Parts Drawing



1/14: Motor

2/13: Locker

3/13: Battery

4: Plug

5/10: Indicator light

6/9: Switch button

7: Waistband

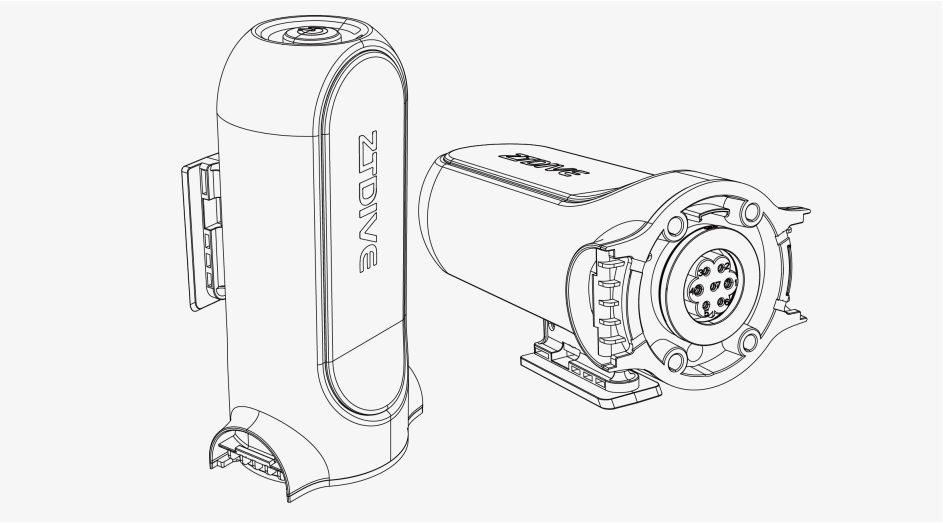
8/12/17: Waistband hole

15: Waistband button

16: Waistband buckle

18: Waistband

03/Battery Module Description



Battery Use and Maintenance advice

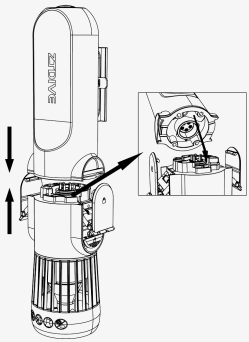
- Always store partially discharged lithium-ion batteries in a cool, dry place.
- Do not place the battery module near a fire, stove, or other hot place.
- Do not apply strong shocks or vibrations to the battery module.
- Always remove the battery module from the Underwater Waist Scooter when storing.
- Do not discharge the lithium-ion battery module for long periods of time - the battery module will self-discharge and the charge may drop enough to damage the battery module.
- The battery module must be recharged at least every three months when not in use.
- Do not place the battery module in a fire, in direct sunlight, or heat the battery module; otherwise, it may explode or leak.
- Keep lithium-ion batteries away from high temperatures - high temperatures may cause the battery module to fail prematurely.
- Always store the battery in a well-ventilated area, away from children and away from heat and ignition sources. Do not expose the battery module to water or seawater or allow the battery module to become wet.
- Do not replace the battery module in water.
- Use only the specified charger.
- Do not drive nails through the Battery Module, strike the Battery Module with a hammer, step on the Battery Module, or otherwise damage the case.
- The battery module must be recharged after each use.
- Do not burn, disintegrate, damage, short-circuit, or place at high temperatures.
- Do not throw water on a burning lithium-ion battery module. If an exposed battery module catches fire, it will burn more vigorously when it comes into contact with water or even moisture in the air.
- A fire extinguisher must be used. It must be disposed of properly.

04/Instructions for use

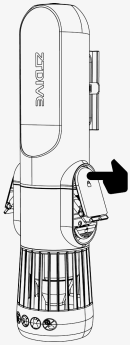
How to use

Step 1: Install the battery unit and motor unit to assemble into as a complete thruster.Align the motor set groove and insert it into the battery pack.

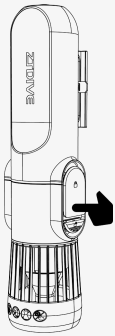
mounting



Align the motor set groove and insert it into the battery pack up and down.

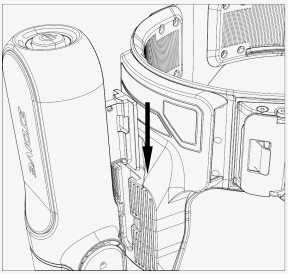


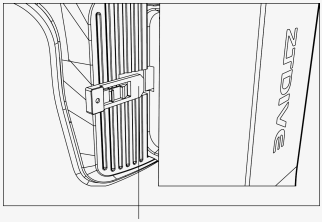
Place the latch as shown



Press the locking latch as shown in the figure

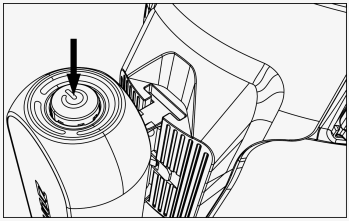
Step 2 : Slide two thrusters to the waistband and lock with the side thumb locks.

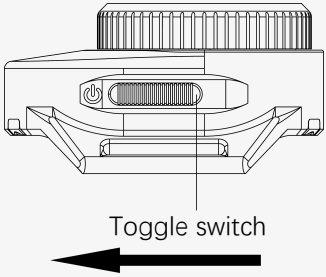




Align holes and insert pins

Step 3 : Long press the switch button to activate the thruster; multiple thrusters will automatically paired when activated. Slide the toggle switch to turn on the bracelet remote control(optional).





Step 4: Short press the switch button on the thruster to start the motor; long press the switch button to switch speed while the motor is rotating , or rotate the speed knob on the bracelet remote control (optional) to adjust the speed.
Through the switch button on the thruster, the speed can be adjusted in 3 gears and prompted by the speed indicator next to the switch button; through the speed knob of the bracelet remote control, it can be infinitely variable, and the speed of the current gear is displayed on the screen in real time.

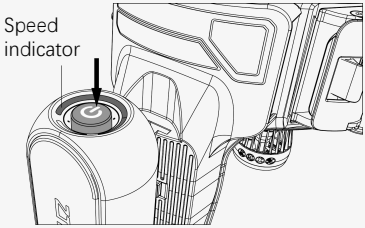
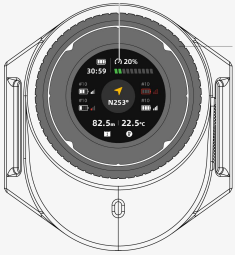
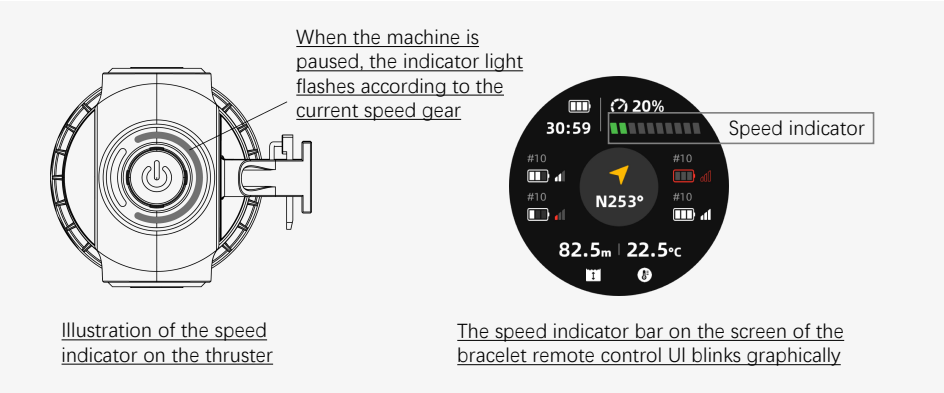


Illustration of the speed indicator on the thruster

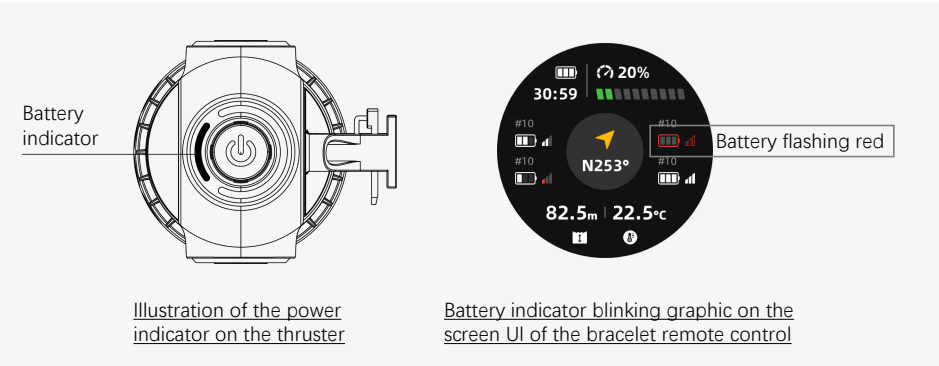


UI speed graphic on the screen of the bracelet remote control

Step： When the motor is running, short press the switch button on the thruster to pause the motor. Short press the switch button after it paused to re-start the motor. Long press the switch button after it paused to power off the thruster. The thruster can also be turned off by toggling the toggle switch on the bracelet remote control (optional).
When the thruster motor is paused, the speed indicator next to the on/off button blinks to alert you; the gear indicator bar in the screen of the bracelet remote control blinks to alert you.



Step 6： Pay attention to the power indicator, which is shown on the indicator light of the thruster or the display screen of the bracelet remote control(optional); when the power is lower than 10%, the indicator on the thruster turns red and flashes, or a prompt appears on the display screen of the bracelet remote control(optional). Please return to the water or shore in time when the battery capacity is low.



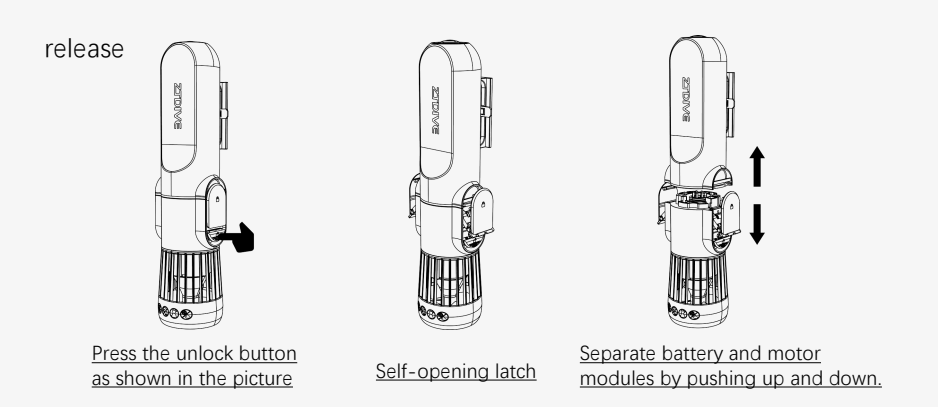
This Underwater Waist Scooter can be easily mounted and dismounted as separate battery modules and motor modules for separate storage and transportation.

Warnings

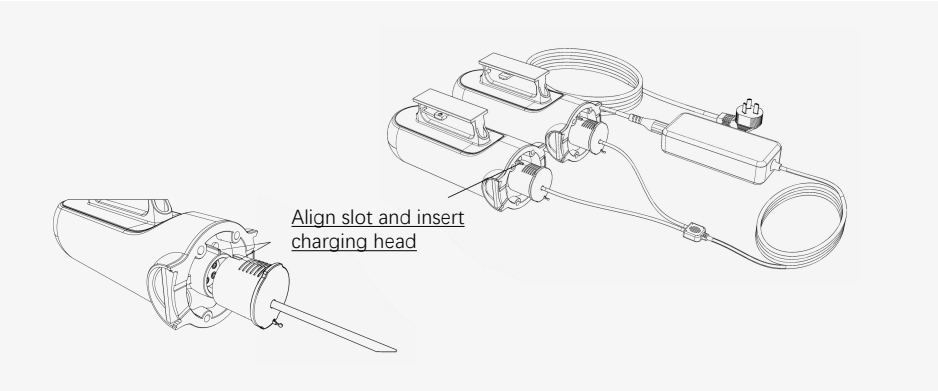
Ensure that the Underwater Waist Scooter is used in the correct position.
When using the Underwater Waist Scooter, maintain the correct position to achieve maximum speed.
Do not put your hands or any other objects into the propeller.

How to Charge

Step 1: Power off the thruster and remove the battery unit from the thruster.



Step 2: Connect the charger plug and the battery unit, and then connect the AC cable to the home charging cradle (the charger has two charging heads that can charge two batteries at the same time).
NOTE: Keep the charging head dry and free from any foreign objects attached.

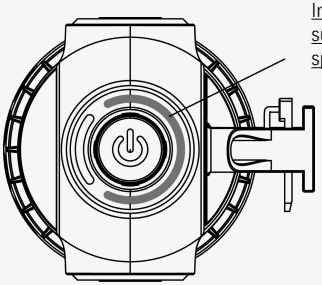


Step 3: The charger indicator light shows red during charging, and the battery indicator light breathes; charger indicator light turns green when battery gets fully charged. Charging time is around 1.5 hours to 2 hours.

Note: Charging the battery in a dry and ventilated environment.

Thruster and Bracelet Remote Pairing
Pairing between Thrusters

Step 1: When the thruster is off, long press the switch button for 10s to enter pairing mode, the speed indicator flashes with colourful tips, all the thrusters in pairing mode are automatically paired to complete the networking, and the speed indicator flashes 3 times to indicate success. If the pairing fails or exceeds the pairing time, the thruster will be paired automatically.



During the pairing process, keep the batteries fully charged and connected in place without removing them.Keep equipment such as thrusters that need to be paired off throughout the process.

Pairing the bracelet remote with the thruster

Step 1: When the bracelet remote control is off, dial the bracelet remote control switch and hold it for 10s, or through the settings tab of the bracelet, you can enter the pairing mode of the bracelet remote control, and the screen prompts that the bracelet is in pairing; meanwhile, the thruster that need to be paired are set to the pairing mode, and all the bracelet remotes and thrusters that are in the pairing mode are automatically paired and networked, and the success of pairing of the bracelet remotes will be reminded on the screen. The speed indicator on the thrusters blinks 3 times.

05/Maintenance

Cleaning and care

- The Underwater Waist Scooter must be cleaned after each use. Dry the Underwater Waist Scooter in a well-ventilated and cool area before storing for long periods of time.
- Soak the Underwater Waist Scooter in fresh water for approximately 1 hour after each use to prevent salt, sand and chlorine crystals from accumulating in the Underwater Waist Scooter. Alternatively, open the Underwater Waist Scooter and run it in fresh water for 1 minute to remove all debris from the Underwater Waist Scooter and propeller components.
- Under no circumstances should the battery module be left alone in water to soak or wet, but the surface may be wiped clean with a rag

Warnings

- Do not use detergent when cleaning the Underwater Waist Scooter. Wipe the machine with a damp cloth only.
- Dry the Underwater Waist Scooter and Battery Module compartment with a cloth.
- Do not leave the Underwater Waist Scooter in the water. Always remove this unit from the water when you are not using it.
- Do not use the Underwater Waist Scooter in a sandy environment. Sand can damage the motor and shorten its life.
- Ensure proper maintenance is performed to prevent sand/debris from falling on the seals. To remove sand or debris, flush the seals with fresh water and apply a new lubricant.
- If there is sand in the battery module housing, gently wipe the sand from the machine, being careful not to scratch the sealing surface.

Technical specification

Unit size 578*286*398mm/22.7*11.2*15.7 inches
Unit weight 6.45 kg / 14 lbs
Running time Under normal use
Running time up to 60 minutes
Speed 9 km/h or 5.6 mph
Depth rating 30 meters/100 feet
Battery module charging time 1.5 hours
Speed control 3 speeds (Switching buttons via thrusters)
Battery module power 99.36Wh
Bracelet remote control with infinitely variable speed control (optional)

normal use

The definition of normal use is based on the average general use time that the user activates the Underwater Waist Scooter in the water.

Continuous Use

Continuous use is defined based on non-stop continuous use of the Underwater Waist Scooter in the water with the battery module fully charged.

06/FCC Warning

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

*RF warning for Portable device:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

For more information on Underwater Waist scooter products (warranty, customer care, maintenance, parts and battery module purchases), visit https://www.ztdive.com/

If you have any questions or problems with your Underwater Waist scooter, please follow the steps below for a quick and easy solution:
- Step 1 - Read your owner's manual to find a solution for your problem.
- Step 2-Contact your local dealer in your area for after-sales technical support.
-Step 3-Contact the ZTDive after-sales service team at info@ztdive.com

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