

ESURF

**USER
MANUAL**

ESURF R



ESURF



[ESURF.COM](https://www.esurf.com)

 [@ESURF](https://www.instagram.com/esurf)

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ESURF

WWW.ESURF.COM

1. INTRODUCTION

1. INTRODUCTION

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ESURF has been designed and manufactured by top engineers and experimented riders to push the limits of water sports.

ESURF parts and components are manufactured by COBALT SARL, based in the Monaco. The company specializes in the development of electric powertrain for nautical application .

ESURFS are produced in a single factory that uses the highest standards of production technology. Only the finest materials and components currently produced in the European Union are utilized. This comprehensive in-house production allows ESURF to ensure the maximum precision and efficient production.

Esurfs were developed with exceptional effort to minimize environmental impact.

The information contained in this User Manual represents the most up-to-date product data available at the time of printing. Because ESURF is committed to continuous product improvements and advancement of technology, the company reserves the right to change the product, components, specifications or other aspects of the Esurf without advance notice or a requirement to equip previously produced Esurf with these changes. You can find current upgrades on the ESURF website (www.esurf.com) Check this website regularly.

This User Manual for Owners or Operators (hereafter referred to as the “User Manual”) cannot anticipate every circumstance involved in owning or operating the motorized surf. ESURF strongly encourages owners and operators to regularly review the U.S. Coast Guard website (www.uscg.mil) or the relevant coast guard and/or authority regulating the laws pertaining to the use of personal watercraft with particular attention to information provided for personal watercraft. Also check ESURF company's website (www.ESURF.com) for updates and product information.

* valid for USA

1. INTRODUCTION

This manual will help you to operate your Esurf safely and easily. It contains a detailed description of the Esurf, its supplied or built-in accessories, systems and information about their operation and maintenance. Please read it carefully and learn about the Esurf before you start using it.

Do not set out on a ride if the conditions (wind force and wave height) do not correspond to the construction category of your motorized surf and make sure you are able to safely control the motorized surf in these conditions.

This user manual does not include detailed maintenance or repair instructions. If you experience any problems, contact the Authorized ESURF Dealer or manufacturer of the motorized surf. If you have the maintenance manual, please follow it during the Esurf maintenance. Maintenance, fixing and adjustments of the Esurf can only be made by trained and qualified personnel. Any adjustments which might affect the safety characteristics of the Esurf have to be checked, implemented and documented by authorized person. The manufacturer of the Esurf cannot be responsible for any adjustments made beyond authorized personnel.

In some countries it is required to have qualification or licence to operate Esurf. Some other legislation requirements might be required. It is recommended to check the local law where the board is planned to be operated.

Each Esurf can suffer damage if used incorrectly. It is necessary to check the water surface conditions to keep the safety of rider and Esurf. Always make sure to adapt the speed and riding to current conditions.

The person controlling the Esurf must use suitable swimming aids described in the chapter PERSONAL SWIMMING AIDS in this manual. It is necessary to point out that in some countries the law requires wearing swimming aids under all circumstances while using the ESURF and is therefore necessary to comply with these national legislations.

PLEASE KEEP THIS MANUAL AT A SAFE PLACE AND HAND IT OVER TO A NEW OWNER IF YOU SELL THE ESURF.

2. IDENTIFICATION PLATES AND WARNINGS

2 IDENTIFICATION PLATES AND WARNINGS

2.1. CRAFT IDENTIFICATION NUMBER (CIN)

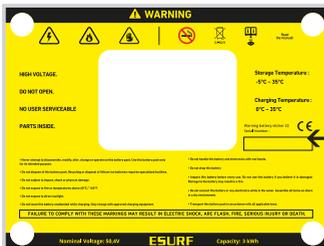
The craft identification number is situated on the bottom near the Jetpump.



S/N

2.2. IDENTIFICATION PLATE OF HULL

Battery identification number shall be found on the side of the ESURF battery.



Warning battery sticker 22
Serial Number :



3 SAFETY MATTERS

Before using the motorized board the first time, read this entire owner's manual.

If any of the information is not clearly understood, contact the Authorized ESURF Dealer for clarification and further understanding prior to operating the motorized board. Safety is the primary concern of ESURF and it needs to be for all owners and operators as well.

The Safety information provided in this User Manual cannot anticipate every circumstance that may arise while maintaining and operating the motorized board. Basic safety information is provided and it is not all-inclusive. ESURF strongly encourages all owners and operators to regularly review the U.S. Coast Guard safety information (www.uscg.mil and www.uscgboating.org)* and other safety-minded, watercraft websites and authorities which apply to the relevant area/region under which the ESURF motorized board is to be operated.

3.1. SAFETY WARNING SYMBOLS

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow the symbol to avoid possible injury or death.



Info

Indicates information with more details or tips



Note

Notice is used to address practices not related to physical injury. This information could result in damages to the product that are not covered under warranty.



Caution

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury



Warning

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

3. SAFETY MATTERS

3.2. DEFINITION

Motorized surf is a term in this User Manual, mean a vessel that uses an inboard electric motor, providing power to a water-jet pump as its primary source of propulsion power. It is designed to be operated by a person (“rider” or “operator”) sitting, standing or laying on the vessel. Direction of ESURF Electric is controlled by rider leaning to one side or another, speed is controlled by throttle trigger located on the handle.

3.3. GENERAL COMMON SENSE

It is the responsibility of the owner and/or operator to comply with safety-related material provided in this User Manual and to regularly review safety information provided by governmental agencies and local jurisdictions. Common sense should guide owners/operators at all times, regardless of whether the motor is running or not. Failure to do so will result in serious injury or death.



Warning (Risk of Accidents)

A rider who is not fit to ride poses a danger to him or herself and others.

- Do not operate the vehicle if you are not fit to ride due to alcohol, drugs or medication.
- Do not operate the vehicle if you are physically or mentally impaired.
- Do not use electronic devices such as the mobile phone, ipod, etc., while operating the motorized surf.
- Do not transport ESURF Electric with battery inside.



Warning (Risk of Accidents)

- Do not jump with the motorized surf. Damage caused due to incorrect use of your ESURF Electric is not covered by the guarantee.
-

3. SAFETY MATTERS

3.4. BATTERY

**Warning (Risk of Injury)**

There is a risk of electric shock when working on high-voltage components. Work on high-voltage components requires special training, qualifications and tools.

- Work which has not been described and explained may only be performed by correspondingly trained ESURF specialists. (Your Authorized ESURF Dealer will be glad to help you.)
 - Do not open the electric motor or the ESURF Battery Pack.
-

**Warning (Risk of Injury)**

The motorized surf runs very quietly, even when it is ready to operate.

- Ensure that the motorized surf is switched off while any work is being performed on the motorized surf.
 - Remove the Battery Pack from the motorized surf before you start any work on the motorized surf.
 - Protect the motorized surf against access from unauthorized persons while you are performing work on the motorized surf.
-

**Warning (Fire hazard)**

Damaged rechargeable lithium – ion battery (ESURF Battery Pack) presents a fire hazard. Major mechanical damage may cause an internal cell short circuit and cause the battery self – ignition.

- Contact the ESURF Dealer immediately if major damage to the rechargeable lithium – ion battery (ESURF Battery Pack) has occurred and put it out of danger on health or ignition of other subjects close by.
-

3.5. PROTECTIVE CLOTHING

**Warning (Risk of Injury)**

Missing or wearing poor protective clothing presents an increased safety risk.

- Wear appropriate protective clothing. (Helmets are therefore a mandatory accessory and should be manufactured to wear on the water, fit properly and be relatively lightweight.)
 - The use of an arm or leg leash is compulsory and must be used at all times while using ESURF Electric.
 - The long hair should be tied up or secured in some fashion so that the hair cannot become entangled in the motor's moving ESURF Electric. Do not operate the motorized surf if you are not fit to ride due to alcohol, drugs or medication.
 - Do not wear loose clothing when the engine is in operation. It can become entangled in ESURF Electric moving parts.
-

3. SAFETY MATTERS

3.6. PERSONAL FLOTATION DEVICES (PFDs)

It is the responsibility of the owner/operator to comply with any and all laws, statutes and requirements for personal safety. American federal law requires the wearing of a U.S. Coast Guard-approved* personal flotation device (PFD) under most circumstances. State and local laws and statutes may also vary from federal requirements.



Caution

It is important for all users to check with their relevant local Authorities for all information relating to the use of safety accessories. ESURF takes no responsibility for failure of users to comply with the relevant laws which apply to the use of personal water craft in any specific location.



Info

Authorized ESURF Dealers are able to assist owners and operators in ensuring that they are properly outfitted for conditions and to comply with the law of the countries where ESURF is used.

3.7. LAW ENFORCEMENT

When underway, operators may be required to cease manoeuvres and allow U.S. Coast Guard* or state law enforcement personnel to come alongside. Some Countries, States and jurisdictions may require a minimum age to operate the motorized board, pass a training course, and/or possess an operator's license. Requirements vary widely. If operating in a location that allows minors, such activity should be done only under adult supervision.



Info

Be sure to check annually regarding requirements for legal and safe operation of the motorized board.

3.8. SPEEDING/NOISE

Some areas have restrictions regarding speed related to creating waves and maximal noise restrictions. Operators of motorized boards are required to adhere to these requirements.

3.9. REGISTRATION

In many jurisdictions, it will not be necessary to register the motorized board with the state of principal use. However, because the motorized board is motorized, registration may be necessary. Verify with the state and local law enforcement entities in the area in which the motorized board will be used most prior to using for the first time.

3. SAFETY MATTERS

3.10. REPORTING ACCIDENTS AND INSURANCE

Federal law requires reporting of accidents in which:

- A person dies.
- A person disappears from the motorized surf in what appears to be a situation that could have resulted in death or serious injury.
- A person is injured and requires medical assistance beyond minor first aid.
- Damage to motorized surf and/or property that exceeds the amount stipulated by law. The total may be lower in some jurisdictions and it is the responsibility of the owner/operator to verify.
- The motorized surf is destroyed.

Any instance in which other vessels or persons appear in distress, motorized board operators are required by law to offer assistance unless doing so would result in potential danger to the motorized board operator. Good Samaritan protection is provided to anyone who offers good faith assistance.

Even when others operate the motorized board, the owner is generally responsible for damages or injuries that may occur. Owners must not allow any Third Party to operate the ESURF without prior instruction in correct use and operational risks. Owners are strongly encouraged to carry sufficient liability and property insurance to provide in anticipation of potential judgments in those instances. Theft and on-shore damage are additional reasons to purchase insurance.

3.11. REFUSE AND POLLUTION

The U.S. Coast Guard* and/or relevant Authority which applies to the region where the ESURF is used provides detailed information regarding the disposal or refuse. In general, refuse, even bio-degradable, should be disposed properly on-shore. If the user deduces that there are any substances that could pollute waters leaking from the board, it should be presented to an Authorised ESURF Dealer for repair. Pollution laws and regulations are stringent in most areas.

3.12. OTHER SAFETY MATTERS



Caution

Riders should:

- Be at least sixteen (16) years old or the minimum age required within the jurisdiction in which the motorized surf is operated. The motorized surf was designed to be operated by adults.
 - Ensure the motorized surf is in top conditions before using it. Make sure to charge the battery at least 8 (eight) hours before riding.
 - Do not use the motorized surf, if the air temperature is lower than 2°C.
 - Avoid operation in water that is too shallow or is brackish.
 - Avoid operation of the board in too shallow water.
-

3. SAFETY MATTERS

- Maintain a speed and operational method that ensures the rider can avoid collisions with objects (above and below the waterline), buoys, docks, shorelines and other vessels.
- Know and practice navigational rules and regulations.
- Maintain an unobstructed view at all times, particularly in the direction the motorized surf is moving.
- Never exceed the highest loading capacity.
- It is necessary that rider has a clear way in front when outing on the water. This is important to prevent health damages.
- Not carry aboard any item. The motorized board requires the rider to maintain control via the control handle. The rider should never be distracted from control of the motorized surf.
- Always keep the engine shut-off key strapped to your wrist. In case of fall, the engine shut-off key will immediately shut off the motor.

3.13. SAFE OPERATION ON THE WATER

Laws, rules, regulations and enforcement have been developed in North America and around the world to ensure safe and proper operation of all watercraft. It is the responsibility of the owner and/or operator to familiarize himself or herself with all applicable ordinances on the body of water upon which the ESURF motorized surf will be operated.

For operators in the United States, refer to the website:

www.uscg.boating.org

In Canada, refer to the website:

www.tc.gc.ca/eng/marinesafety/menu.htm

Other countries have their own laws or participate in international rules. Always verify markings and rules as they apply to any body of water on which operations will be conducted.

3.14. GENERAL PRUDENTIAL RULE

Rule 2 in the International Rules says, « In obeying and construing these rules due regard shall be had to all dangers of navigation and collision, and to any special circumstances, which may render a departure from the above rules necessary in order to avoid immediate danger.»

3.15. GENERAL EXPECTATIONS

Always use common sense when encountering other vessels. The motorized surf is considered a powered watercraft and will be expected to give-way to non-powered vessels that have less maneuverability. The vessel that does not has the duty to take proper and timely action to stay out of the way of the stand-on vessel. Normally, the give-way vessel should not cross in front of the stand-on vessel. Always move in such a way that the stand-on operator can see the operation.

When encountering other powered vessels, there are three (3) main situations that could require avoiding a collision:

- Meeting (approaching another vessel head on);
- Crossing (travelling across the other vessel's path);
- (passing or being passed by another vessel).

When meeting another vessel head on with the risk of collision, neither has right of way. Both vessels must alter course to avoid an accident. Keep the other vessel on the port (left) side unless it is possible to clear each other by maintaining course.

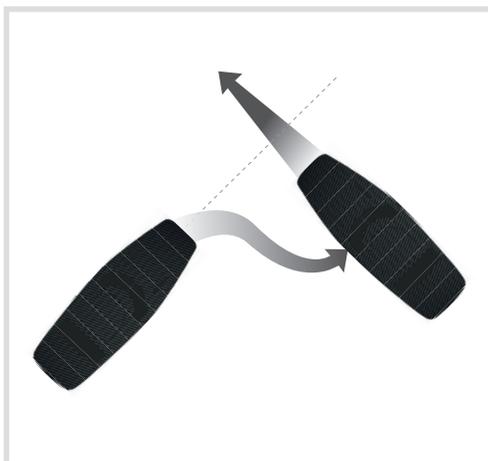
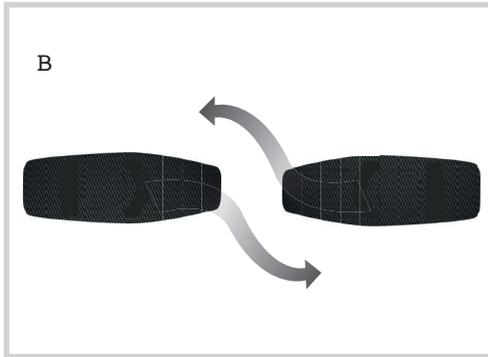
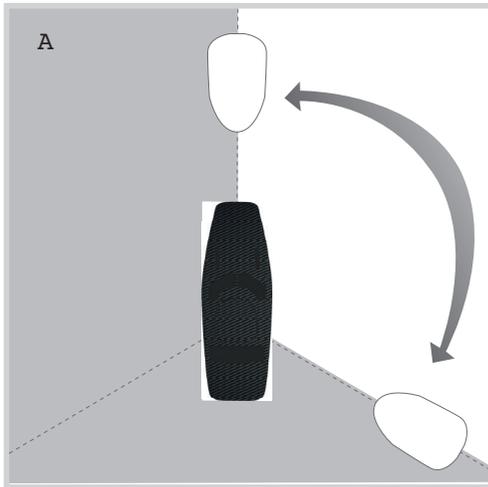
When two (2) power-driven vessels cross paths with risk of collision, the vessel that views the crossing vessel to the starboard (right) side must give way.

When overtaking, you are the give-way vessel. The other vessel is expected to maintain course and speed. Avoid it as you clear it. When being passed by another vessel, maintain speed and direction so that the passing vessel can clear.

Under normal operation situations, stationary fishing and sailing boats (stationary or moving) are given the right of way.

Always learn about and pay attention to buoys and other markers. The Uniform State Waterway Marker System has been devised for interior waterways in the United States*. Markings may vary by geographic location.

3. SAFETY MATTERS



MEETING

When two boats are approaching each other on the water, one has the right-way and is designated the “stand-on” vessel. The other boat must yield or give way and is designated the “give way” vessel.

In illustration A, you are the ESURF in the center. You are required to yield to any vessel shown in the white area (you are the “give-way” vessel). Any vessels shown in the shaded area must yield to you (you are the “stand-on” vessel). If both of you are heading directly toward one another, illustration B, you both must give way. You should turn right to keep the approaching vessel to your left or port side. This rule does not apply if both vessels will be clear of each other if you continue on your set course and speed.

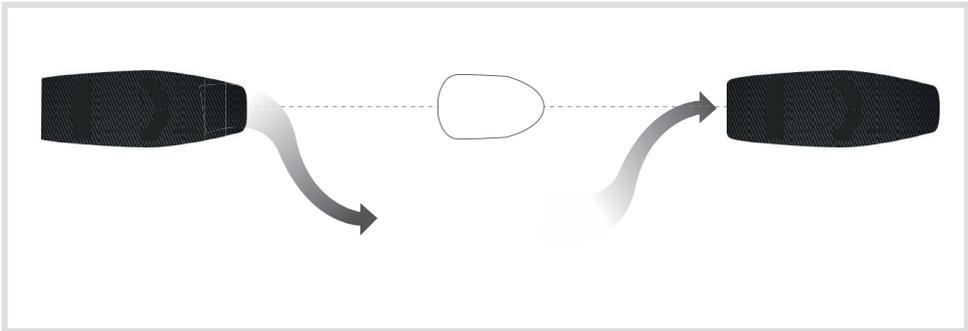
CROSSING

If you and another vessel are crossing paths close enough to risk a collision and the other vessel is on your right (starboard) side, you must yield or stay out of its way. If the other vessel is on your left (port) side, you must maintain your course and speed, as long as the other vessel yields the right-of-way to you, as it is required.

OVERTAKING

When passing other vessel, you are the “give-way” vessel.

The other vessel is expected to maintain its course and speed and you are required to stay out of its way until you are clear of it. If another vessel is passing you, you should maintain your course and speed so that the overtaking vessel can steer safely around you.



Caution

ESURF cannot anticipate every circumstance that can occur in operating the motorized board. The information provided is general in nature and may not apply to the location in which you will be operating the motorized board. Always perform due diligence in preparation and planning for all outings, with particular attention to doing so in the safest manner possible.

4. VIEW OF MOTORIZED SURF

4 VIEW OF MOTORIZED ESURF

4.1. DESCRIPTION OF ESURF ELECTRIC



4. VIEW OF MOTORIZED SURF



4. VIEW OF MOTORIZED SURF

4.2. LIST OF ACCESSORIES

ITEM	CODE	NUMBER OF PCS.
User manual	-	1
FCS fin (left)		1
FCS fin (right)		1
Stand Electric		1
Screw M6x20		4
Battery Case		1
ESURF Battery Pack Charger		1
ESURF Allen key		1
Engine Shut-Off key		2
Board Bag - Sport Bag		1

5 CONTROLS

5.1. CONTROL HANDLE

The motorized surf is supplied with the control handle which controls the motor output. The handle is supplied together with the engine shut-off key which is used for the motorized surf activation.



Warning (Risk of Injury)

The motor shut-off key must be attached to the rider's wrist during the operation. If the rider falls off or is pushed off the motorized surf, the key will be pulled out of the engine shut-off switch and the motor will switch off automatically.



Caution

The engine shut-off key must be securely fastened around the rider's wrist by wrist band on the hand in which the rider holds the handle.



- ① Engine shut-off switch
- ② Throttle trigger
- ③ Engine shut-off key



Info

The throttle trigger is situated on the handle, at the end of the throttle cable. ESURF recommends controlling the throttle with your index finger. When the throttle trigger is pressed, you increase the revs, when it is released, you decrease the revs.

5.1.1. BOOSTER



The control handle of the ESURF has a function Power that is activated by going through the power setting menu and gives the user the possibility to select the power of its choice.



Info

When using this function frequently, it could be temporarily deactivated to prevent overheating off electric motor.

5. CONTROLS

5.2. INDICATOR

ESURF is equipped with an indicator that indicates all the states of the motorized surf, the signaling of which is necessary for the safe operation of this motorized surf.

Indicator **A** has these functions :

SIGNALLING:

- signalling the Battery Pack condition.
- signalling the conditions and errors of the BMS.

CONTROLLING:

- By placing the battery cap on the battery you will switch on the battery for battery testing; by placing the battery cap & leaving it on spot you will starting the balancing process. ( p. 28)



Note

The indicator should be clean and no sticker should be added there.

5.2.1. TABLE OF SIGNALIZATIONS

The Battery Pack conditions are indicated by indicator color lighting.

INDICATION COLOR	BATTERY CONDITION
Permanently red light	Battery Fully Discharged
Red light flashes	0-40% capacity
Blinking blue light	40-70% capacity
Flashing green light	70-95% capacity
Permanently green light	>95% capacity

5.2.2. SAFE RETURN MODE

When signalization light turns red, there is about 2 (two) minutes of riding remaining time before the motorized surf turns to Safe Return Mode. Safe Return Mode decreases the motorized surf power for safe return back to the shore. In Safe Return Mode, it is possible to make up to 400m distance (depends on weather and water surface conditions).

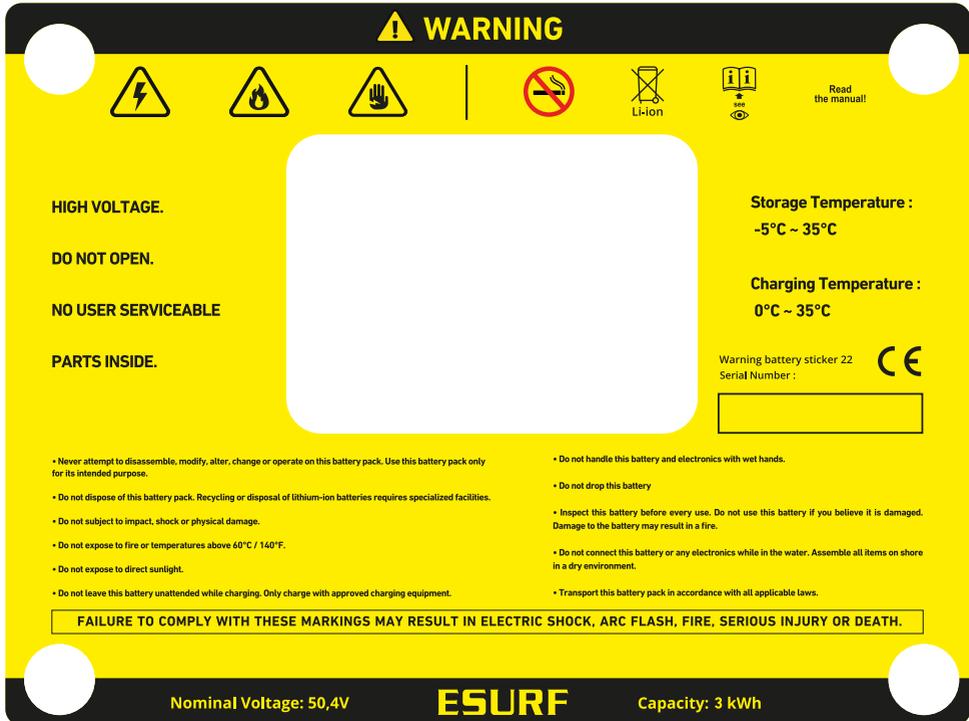


Note

The charger cap should be removed only during charging and balancing and in case it is lost or misplaced, the battery should not be used.

6 BATTERY PACK

6.1. PLATE OF BATTERY PACK



Warning (Risk of Injury)

There is a risk of electric shock when working on high-voltage components. Work on high-voltage components requires special training, qualifications and tools.

- Work which has not been described and explained may only be performed by correspondingly trained ESURF specialists. (Your authorized ESURF Dealer will be glad to help you.)
- Do not open the ESURF Battery pack or electric motor.



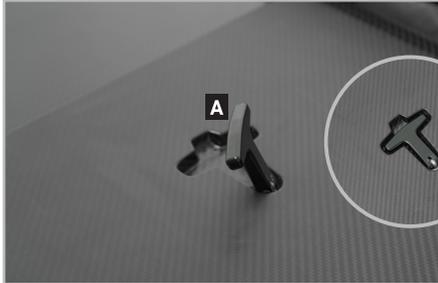
Warning (Environmental hazard)

A lithium battery (ESURF Battery Pack) contains components and elements that are harmful to the environment

- Never throw a ESURF Battery pack into the household trash.
- Dispose of the ESURF Battery Pack properly and in compliance with the applicable regulations.

6. BATTERY PACK

6.2. DESCRIPTION OF BATTERY PACK



- Ⓐ Battery locking handle
- Ⓑ Battery bms
- Ⓒ Battery balancing point
- Ⓓ Battery charger connector
- Ⓔ Battery level light indicator



6.3. BATTERY PACK INSTALATION



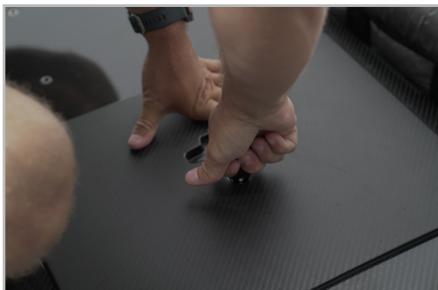
Caution

Make sure that nobody is pinched when the Battery Pack is removed or installed.



Note (Material damage)

- Before installing the Battery Pack, check that the battery socket on ESURF Electric and the battery plug on Battery Pack are clean.
- Clean the battery plug and the battery socket without using water or compressed air if they are dirty.



- Make sure, the handle is secured till the maximum

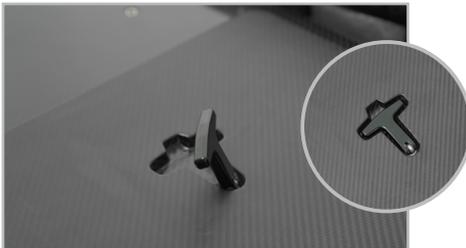
6. BATTERY PACK



- Place the battery pack in the ESURF so that the battery plug **B** the inverter against each other (see the figure).



- Press the battery pack downwards ; help the locking handle to get screw all the way in till the limit



- Secure the battery pack using the handle locking by screwing all the way to its maximum ; once fully screw bring the handle back to its position on the battery pack in order to reach a flat surface.



Caution (Risk of Injury)

Do not ride the Esurf if the battery is not secured & watertight, in case of any question contact your local dealer prior any riding attempt.

6.4. BATTERY PACK REMOVAL



Note (Material damage)

Before removing the Battery Pack after the ride.

6. BATTERY PACK



- Unscrew the handle lock-in; once the handle will be moving freely create an air intake from the seal in order to create a depressurization between the battery and the Esurf.



- remove the battery always with two hands and position it straight to the Esurf battery case only.



Info

Battery Pack is very heavy. You can consider assistance of another person when manipulating with it.

6.5. BATTERY CONNECTION PROTECTION AGAINST DAMAGES



Note (Material damage)

Do not touch the battery plug and the battery socket.

For transportation, connector has to be covered. In case of storage in environment with low air humidity, it is recommended to uncover the connector.

In case the connector is not handled properly, it might be easily damaged and improper handling may cause discharge of internal battery inside the control unit which is necessary for the ESURF operation.

6.5.1. BATTERY BALANCING

By placing the battery cap on the battery you will switch on the battery for battery testing; by placing the battery cap & leaving it on spot you will starting the balancing process.



BALANCING MODE:

- a) Flip the battery upside-down
- b) Remove the charger cap by turning it counter-clockwise and place it with the closed end facing down on the circular area next to the charging socket at the bottom of the battery.
- c) After 10 seconds, a purple light will turn on, signifying that the balancing procedure has started.
- d) Keep the battery in balancing mode until the light turns green.

6. BATTERY PACK

6.6. BATTERY TRANSPORTATION PREPARATION

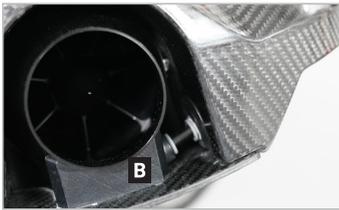
It is recommended to keep and transport the battery pack in battery bag. This bag is designed for safe transportation, storage and charging.

6.6.1. BATTERY CASE DESCRIPTION

- Remove the battery pack always with two hands, do not store or carry the battery without its protection case.
- Battery case is designed for safe transportation, storage and charging. It's important to charge when the battery is positioned in a temperature-controlled & secured environment. Keep the battery in its case face down and keep the case open while charging.

The Battery Case is waterproof. It is mandatory to keep the main compartment open during the charging process. For transportation, it is necessary to keep the Battery Case compartment closed. It is recommended to keep the battery pack inside the Battery Case for any manipulation of the battery pack.

6.7. COOLING SYSTEM MAINTENANCE



- After a while, water starts coming out of the outlet **B**, situated at the jet pump.



Note (Material damage) Rinsing the battery compartment, do not put too much water in the compartment.

6.8. CHARGING



Warning (Risk of Injury) In a wet environment, there is a danger of an electrical injury. The charger is not waterproof.

- Only use the charger in dry conditions.
- Make sure no liquid leaks or drips onto the charger.



Warning (Risk of Injury)

If the battery charger is used incorrectly, its intrinsic safety cannot be guaranteed. The battery charger is only suitable for use with a ESURF Battery Pack.

- Only use the battery charger with a ESURF Battery Pack.
- Only operate the battery charger using household sockets with ground wire conductor.
- Do not use any additional adapters or extensions.
- In the USA and countries with 110V power grid, make sure the circuit breaker is dimensioned for 1 500 W (14 A breaker).
- Follow the applicable safety instructions of the power connection.

6. BATTERY PACK



Warning (Risk of Injury)

There is a risk of electric shock if the battery charger or the cables have been manipulated or damaged. The battery does not contain any parts which require maintenance.

- Do not modify the battery charger or the cables.
 - Under no circumstances open the battery charger housing.
 - Do not insert any objects into the battery charger housing from the outside.
 - Do not use the battery charger if cables, plug or parts of the battery charger have been damaged or are soiled.
-



Warning (Risk of Injury)

The intrinsic safety of the ESURF Battery Pack can only be guaranteed if the original battery charger is used. The ESURF Battery Pack may only be charged with the original battery charger.



Note (Material damage)

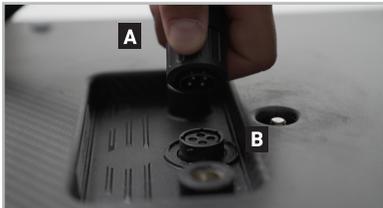
Charging at temperatures above 35 ° C may cause the overheat and damage of the battery.



Note (Material damage)

The battery charger contains sensitive electronics and must be handled with appropriate care. The battery charger may be damaged or destroyed if it is dropped, knocked or otherwise subjected to mechanical overload. When transporting the battery charger, ensure appropriate means of securing the cargo. Damage caused due to improper transport is excluded from the manufacturer warranty.

6.8.1. CONNECTING THE CHARGER



- Insert the plug of the charger **A** in the battery discharge socket **B**.



Note (Material damage)

If the heat is removed insufficiently during charging, the charger can overheat and get damaged.

6. BATTERY PACK

- Connect the charger to the charging cable for 110/220 V.



- Plug the charger onto the power



Note (Material damage)

Battery is fully charged when the led light „FULL“lights up.

6.8.2. INFORMATION SHOWN ON THE BATTERY INDICATOR LIGHT



- From battery instructions: During charging, the battery indicator light located at the bottom of the battery will signify the state of charge of the battery.
- There are 5 different states:
 - a) Permanently red light - Status: Battery Fully Discharged
 - b) Red light flashes - Status: 0-40%
 - c) Blinking blue light - Status: 40-70%
 - d) Flashing green light - Status: 70-95%
 - e) Permanently green light - Status: >95%
- To enter the balancing mode:
 - a) Flip the battery upside-down
 - b) Remove the charger cap by turning it counter-clockwise and place it with the closed end facing down on the circular area next to the charging socket at the bottom of the battery.
 - c) After 10 seconds, a purple light will turn on, signifying that the balancing procedure has started.
 - d) Keep the battery in balancing mode until the light turns green.

6.8.3. DISCONNECTING THE CHARGER

- Disconnect the charger from the power supply.
- Turn the charger off by disconnecting the plug from the power supply and wait until the battery display is not lit any more.



Note

The indicator should be clean.



Note (Material damage)

Never disconnect the connector if the charger is still connected to the power supply.

7. TABLE OF PERIODIC MAINTENANCE

Item	Operation	Before every ride
Hull and motor compartment		
Cooling	Check (☐ p. 44)	X
	Cleaning (☐ p. 30)	
Hull	Cleaning/ rinsing (☐ p. 30)	
Battery		
Battery compartment	Check for humidity. Accumulation/water Check firm placement of the battery onto the board and correct tightening of the battery handle	X

8. BEFORE THE RIDE

8 BEFORE THE RIDE



Warning (Risk of Injury)

- Before your first ride without being supervised by an Authorized ESURF Dealer or a coach of ESURF, please make sure that you have read and understood the manual supplied together with the motorized board.
- Familiarize yourself with the laws valid for the water bodies where you intend to use your motorized surf.

8.1 A BRIEF LIST OF TASKS TO BE DONE BEFORE THE RIDE

LIST OF TASKS BEFORE THE RIDE

1. Charge the battery to its 100% capacity (at least 8 (eight) hours before riding).	( p. 30/31)
2. Fasten all fins.	
3. Adjust the straps.	
4. Check for water presence in the motor compartment	( p. 36)
5. Jet Pump check.	( p. 37)

8.2. STAND



Note (Material damage)

Every ESURF is supplied with a light stand. Use of the ESURF stand is strongly recommended to keep the motorized surf above the ground, it is intended as an aid for preparation, maintenance and cleaning of the motorized motorized board.



Note

Make sure the stand is placed on a solid surface and that the motorised surf is placed correctly on the stand.

8.3. FINS

Every ESURF is supplied together with 2 (two) side fins

8.3.1. FASTENING OF FINS



- Insert the fin in the plug and place the front tab of the fin inside the front slot of the plug so that the hook in the fin tabs hits the horizontal bar in the groove.

8. BEFORE THE RIDE



Info

The side fins have a flat surface on the inside and a convex foil on the outside. The convex or curved side of the fin always points outwards.



- Then, lower the rear tab into the rear slot of the plug until the mechanism engages the tab.

- Check the tight fit, the fin should not move.
 - Repeat this procedure for the second side fin.
-



Info

This mechanism will hold the fin in place until removal.



Warning (Risk of Accidents)

It is strongly recommended to use all fins under all circumstances. This ensures maximum control of motorized surf.

8.3.2. THE SIDE FIN REMOVAL



- To remove the fin, grasp the fin and pull upwards.



Note (Material damage)

- Do not transport a motorized surf with fins attached. The fins are fragile and are not designed to bear the weight of a surfboard on a hard surface.
 - Keep all the screws openings for attaching fins clean, without sand and other impurities which might damage the thread.
 - We recommend screwing the main fin screws into the base even without the fin.
-

8. BEFORE THE RIDE

8.4. STRAPS

ESURF Electric has fully adjustable straps which can be tightened or loosened. Make sure that the straps fit comfortably and are not too loose or too tight. The binding is tightened with screws M6x20 DIN 912 with washer.

Tightening torque	3-4 N.m
-------------------	---------



Note (Material damage)

Always use screws ISO 7380 M6x20 with material Stainless steel. Using a different screw may cause an irreversible damage to the battery and straps.

With every extra battery, one strap is delivered.

8.5. BASIC CHECK OF THE BOARD BEFORE THE RIDE

8.5.1 CHECK OF THE BATTERY CAPACITY

The ESURF indicates the battery status after the emergency mode is activated by lighting the indicator in the colour corresponding to the current battery status ( p. 24). To check out the battery status, it is therefore always necessary to activate the stand by mode of the ESURF ( p. 45) or connect the battery of the ESURF to the charger which indicates the battery status on the in-built display. Make sure to charge the battery at least 8 (eight) hours before the ride.



Caution

Always check the battery status before the ride.

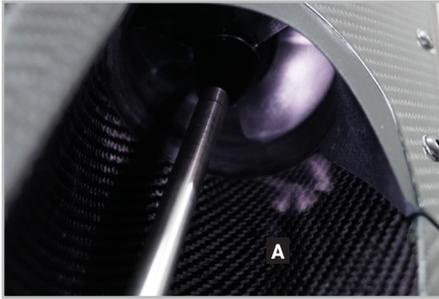


Note (Material damage)

If you see little amount of water in the motor compartment, it is condensed water. However, water volume higher than 30 ml may damage the motorized surf and it is recommended to contact the nearest service as soon as possible. Make sure you dry out the motor compartment immediately after every ride. Check the water level carefully to make sure the board operates properly.

8. BEFORE THE RIDE

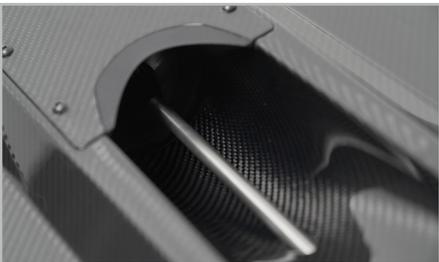
- Before the ride therefore always check if the cooling system inlet **A** and outlet **B** are clean.



Note (Material damage)

If the cooling system inlet / outlet are not clear, they have to be cleaned and the whole cooling system has to be rinsed with fresh water. ( p. 30).

8.5.2. JET PUMP CHECK

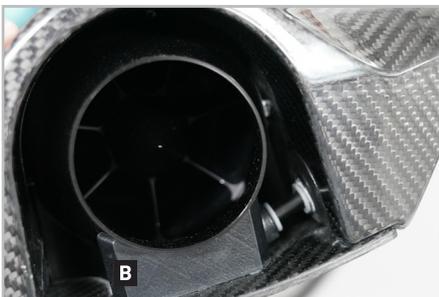


- Before the ride, always check also the condition of the jet pump.



Note (Material damage)

If they are dirty, it can influence the performance of ESURF.



9. RIDING INSTRUCTIONS

9. RIDING INSTRUCTIONS

9.1. ACTIVATION AND THE FIRST RIDE

**Warning (Risk of Injury)**

- Never insert the engine shut-off key into the engine shut-off switch unless all of the Battery Pack locks are ensured.
 - Keep your arms, legs and other body part away from all the jet inlets when the motor is in operation. It could result in a serious injury or death.
 - When starting the ESURF Electric, make sure that people (especially children) are at least 10 meters/33feet away from water-jet pump.
 - It is absolutely necessary for the rider to release the control handle when he/she loses full control of the motorized surf or balance during the ride. Pulling the engine shut-off key from the engine shut-off switch will stop the motor immediately.
-

**Note (Material damage)**

- Do not leave ESURF in direct sunlight or anywhere that would allow its surface to rise to a temperature in excess of 65°C/149°F. Excessive temperatures can cause damage to the engine.
 - Do not leave motorized surf unattended.
-

**Warning (Risk of Injury)**

- Be aware that the ESURF are not intended or designed as swimming aids.
 - It is necessary to use all the protective aids all the time. They include helmet, life jacket, safety leash on the leg or arm.
-

If the ESURF is ready you can start using it.

9.2. ESURF ACTIVATION

9.2.1. STAGE ONE



- Insert the engine shut-off key in the throttle shut-off switch placed on the upper part of the control handle into running mode
-

9. RIDING INSTRUCTIONS



Info

The electronic control unit (ECU) will switch on.



Note

The board will stay in this state the engine shut-off key was pulled out of the engine shut-off switch. Then it will switch off automatically and in order to start the motorized surf you will have to repeat this step.



Caution (Risk of Injury)

Never insert the engine shut off key into the engine shut off switch unless the battery is fully secured & installed.



Caution

Do not pull the throttle trigger when starting the board. The engine starts automatically when the shut-off key is inserted in engine shut off switch.



Info

Pulling the shut-off key out of the switch socket disables driving mode.



Warning (Risk of Injury)

The motorized surf runs very quietly, even when it is ready to operate.

- Ensure that the motorized surf is switched off while any work is being performed on the motorized surf.
- Remove the Battery Pack from the motorized surf before you start any work on the motorized surf.

Protect the motorized surf against access from unauthorized persons while you are performing work on the motorized surf.

9.3. BRIEF DESCRIPTION OF STARTING



Caution (Risk of Injury)

The rider prepared to use the ESURF must wear a life jacket, safety helmet and must have the original Esurf wrist band with the engine shut-off key attached to his/ her wrist and it must be connected with the motorized motorized board by means of the safety leash.

For sharp start from water it is necessary to find a suitable place where to start riding. First it is necessary to have a sufficient depth from which we can start safely without damaging the bottom fins of the motorized surf.

9. RIDING INSTRUCTIONS



Note (Material damage)

The minimum depth is 80 cm. Keep in mind that after starting the engine, the rear part of the board may sink by 10-20 cm.



Warning (Risk of Accidents)

- Never start ESURF in swimming area.
 - Make sure that you have sufficient space for manoeuvring, mainly if you are a beginner. The ideal area is 300x300 m without obstacles and with smooth water surface.
 - Always check water (the dirt and litter in the water) to avoid damage of ESURF.
-

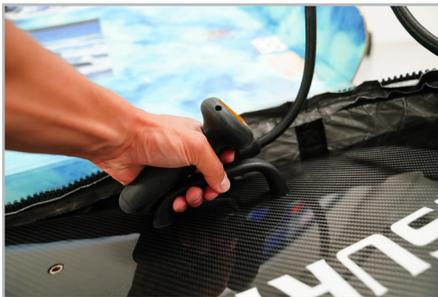
2. STAGE ONE

Insertion of the shut-off key into the shut-off switch

1. Indicator shows battery capacity
2. Activation of power mode
3. Indication of power mode selected

9.4. STARTING FROM THE BANK (IN SHALLOW WATER)

- The following picture shows the correct position of the rider when starting from shallow water.
- The rider holds his/her ESURF with both hands in such a way that with his/her more dextrous hand he/she is able to hold the motorized surf and control the throttle trigger at the same time.



Caution

Rider stands on the side of the motorized surf, does not lay on the motorized surf.

9. RIDING INSTRUCTIONS



Warning (Risk of Accidents). Always hold the control handle in the same hand on which you have the wrist band to prevent accidental deactivation of the driving mode and at the same time so that in the event of a fall the engine shut off key can be pulled out immediately.



- After activation of ESURF Electric and its subsequent acceleration, the rider must jump into the ESURF with his/her full weight.



- When the rider is in the correct position for starting, with his/her free hand in which he/ she does not have control handle he she can insert the engine shut-off key in the engine shut-off switch.



Info. For comfortable ride and correct functionality of the equipment it is necessary to hold the throttle for the whole ride. It is not necessary to keep the full speed but when the speed is not sufficient, the motorized surf becomes unstable and more difficult to control.

9.5. STARTING IN DEEP WATER OR AFTER FALLING DOWN

Starting in deep water happens similar to start from the bank.



Note.

The rider does not get on the board until the ESURF Electric is activated.



- After the ESURF activates, it is necessary to use the engine power and pull yourself back onto the ESURF.

9. RIDING INSTRUCTIONS

9.6. ESURF ELECTRIC CONTROL - THROTTLE

During the very first ride, the rider should learn how to operate the control handle and accelerate. This skill is crucial for ESURF Electric.

The rider can stay in the lying or kneeling position. Only when he/she knows how to control the throttle, he/she can stand up.

9.7. ESURF ELECTRIC CONTROL - TURNING

The next important step is turning. You turn the board by tilting the whole motorized surf to one or the other side.

9.8. ESURF ELECTRIC CONTROL - RIDING



Caution

If you want to stand up, make sure you have sufficient space for manoeuvring, you are not crossing the path of any other motorized surf and there is no swimmer or obstacle near your ESURF.

The way how to stand up from kneeling down is individual.

- For beginners we recommend placing first one foot in the rear strap.



Info

Left foot if you hold the control handle in your right hand or left foot if you hold the handle in your left hand.

- If you have your foot firmly in the rear strap, place the other foot in the front strap.
- When standing up, it is necessary to keep a constant speed, stand up gradually and not to stop halfway through.



Note

In case of a fall during standing up, repeat the whole procedure step by step.



Warning (Risk of Accidents)

Always check the time for which you are riding in water. With fully charged battery, you can ride for 45 minutes. Do not forget to have some reserve to be able to get back to the bank. When returning back to land, please keep in mind any potential swimmers near the bank and sufficient depth of water.

9. RIDING INSTRUCTIONS

9.9. ESURF CONTROL STOPPING

If the rider wants to stop, first he/she has to slow the Esurf down before reaching the place of stopping. As soon as the rider is sufficiently close to the place of stopping, he/she will release the throttle trigger. ESURF will slow down and the rider can leave the board.



Warning (Risk of Accidents)

If you fall down, drop the throttle control handle immediately! It is necessary to pull the engine shut-off key from the handle to stop the Esurf safely.

9.10. PERFORMANCE LIMITATIONS WHILE DRIVING

Performance limitations while driving may occur:

- If the battery is low
 - If the electric motor controller is overheated,
 - If the electric motor is overheated
-



Note

The riding time is also influenced by the temperature of the water and the surrounding area, so it is not possible to ride at full power without limitation.

9.11. SAFE RETURN

When the battery voltage falls below the level defining the safe return limit, the power is immediately reduced so that the board can be pulled to the shore.



Note

Switching to “safe return” mode occurs while riding

9. RIDING INSTRUCTIONS

9.12. AFTER THE RIDE

9.12.1. A BRIEF LIST OF THE TASKS TO BE DONE AFTER THE RIDE

LIST OF THE TASKS AFTER THE RIDE

1. Tilt the ESURF so that the cooling water outlet is oriented downwards.	
2. Rinse the whole ESURF with fresh water, including the battery compartment.	( p. 43)
3. Let the ESURF dry.	
4. Do not charge the battery before transportation.	
5. Store the ESURF with the battery removed.	

9.12.2. GETTING THE REMAINING WATER OUT OF THE COOLING SYSTEM



- After the ride is finished, you have to turn the board vertically and wait for a while until most of the water gets out of the cooling water inlet.



- Then place the board on the stand.



Note

In this way you will remove the remaining water from the cooling system of the Esurf.

9. RIDING INSTRUCTIONS



Note (Material damage)

Never forget to get all the remaining water out of the cooling system after the ride. Otherwise there is a risk of permanent damage to the battery, connector and regulator.



Note (Material damage)

If it is the case, contact your authorised ESURF sales representative as soon as possible.



Caution (Risk of Injury)

Before the check, always make sure that the battery has been removed from the ESURF. You will thus avoid a possible electrical injury.

9.12.3. RINSING



If you want to store the board overnight, find a source of fresh water, e.g. a garden hose, and rinse:

- the top part of the board, straps, control handle and jet pump.
 - after removing the battery and putting the battery connector cover on the ESURF Electric, rinse the battery compartment area as well.
-



Note (Material damage)

If the motorized surf was used in seawater or brackish water, rinse the cooling system with fresh water.



Note (Material damage)

Never forget to remove the water after rinsing the battery compartment.

9.13. SWITCHING OFF

The motorised surf will switch off:

- whenever the battery is removed.
-



Note (Material damage)

Never remove the battery while the Esurf motor is still operating as it can lead to component failure and may increase the risk of fire due to bad handling of equipment.



Warning (Danger of accidents)

Never leave the shut-off key in the switch after the ride.

10. STORAGE

10. STORAGE

10.1. SHORT-TERM STORAGE

For short-term storage, for example between the individual days of riding, it is sufficient to follow the steps described after these steps have been performed, store the ESURF in a dry place. Never leave the battery inside the motorized surf.

10.2. LONG-TERM STORAGE

If the break is longer than one week, it is necessary to perform other tasks. Never leave the battery inside the motorized surf.



Info

Do not underestimate these steps. Keep in mind that if you look after the ESURF properly, you will increase the life of all its parts.

- Remove the battery from the board.

Storage temperature :	5-35 Celsius
------------------------------	---------------------



Note (Material damage)

- Discharge the battery to less than 25% charge before Storing for a long time.
- When finishing the ride, make sure you discharge the battery to red light signalization. The discharge is made by riding. Do not charge the battery for transportation. For storage, keep the battery in dry place is recommended temperature range. Make sure to charge the battery every 45 (fourty-five) days of storage for 20 (twenty) minutes.
- The battery should not be stored in higher temperature. Storing in higher temperature might significantly decrease lifetime of the battery.

- Clean ESURF Electric.
- Store the motorized surf in a dry place that is not subject to high temperature fluctuations.



Note (Material damage)

- We strongly recommend performing all these steps. Not performing these steps leads to signifiant shortening of the product life or in extreme cases to irreversible damage to motorized surf.

11. TRANSPORTATION

11. TRANSPORTATION



Warning (Danger of accidents)

- Never transport ESURF with ESURF Battery Pack inside.
 - Battery transportation can be dangerous and, in some jurisdictions, may be illegal.
 - Discharge the Battery Pack before transportation.
-



Note (Material damage)

- Always take out all fins before transportation.
 - Carbon fibre is a fragile material despite its strength, so it is not enough to pack the board in the original ESURF BATTERY Case, but you must add additional protective layers.
-

11.1. AIR TRANSPORTATION

Batteries are subject to dangerous goods regulations. When transported by third parties (eg by air or mail order service) special packaging and labeling requirements must be observed.

www.iata.org/dgr, www.iata.org/lbgs.



Caution

The battery must not be carried in the aircraft as hand luggage.

11.2. TRANSPORT TO SERVICE

Before transportation, place the motorized surf in the original board bag and add further protection layers (for example wrap the board bag with the motorized board in bubble wrap and wrap it all in stretch foil or insert the bag in a carton box).



Caution

Apart from a name tag and contact details, we recommend enclosing a detailed description of the problem when sending the ESURF for service.



Note (Material damage)

When sending your ESURF for a service back to your Authorized ESURF Dealer or directly to the manufacturer, you do not have to send all the accessories together with the motorized board (e.g. fins or charger...).

WE RECOMMEND TO CONTACT AND COMMUNICATE WITH A SERVICE POINT FIRST!

12. TECHNICAL INFORMATIONS

12. TECHNICAL SPECIFICATIONS

SPECIFICATIONS	
Overall length (mm)	1 700
Overall width (mm)	600
Overall height (mm)	130
Weight without pad (kg)	9
Passenger capacity	One operator
Max Rider weight (kg)	120
Category*	D
CONSTRUCTION OF VESSEL	
Hull	100% carbon fibre
BATTERY	
Nominal voltage (V)	50.4V
Capacity (kWh)	3.0kWh
Weight (kg)	15
DRIVE SYSTEM	
Propulsion system	Direct Jet pump; Axial flow, single stage
Impeller material	Aluminium
Nozzle material	Aluminium
Manufacturer	SARL COBALT

* – EU DIRECTIVE 2013/53/EU – The definition of Boat Design Category D:

"D. Sheltered waters — Designed for voyages on sheltered coastal waters, small bays, small lakes, rivers and canals when conditions up to, and including, wind force 4 and significant wave heights up to, and including, 0.3 m may be experienced, with occasional waves of 0.5 m maximum height, for example from passing vessels."

13. ACCESSORIES

13.1. ETUBE

13.1.1 ETUBE DESCRIPTION

The etube is a one piece inflatable tube to add onto the Esurf; it is developed by our engineers to be used by beginners to increase the stability and the buoyancy of the esurf activity.

The etube can be use for the Ekart activity as main floter .



13.1.2 ETUBE INSTALLATION INSTRUCTIONS:

- Start by inflating the Etube with an electric pump or manual pump (pump not provided)
- Once Etube is fully inflated make sure the valve is properly closed.
- In order to install your Etube we recommend to have it wet to install it easily. You must slide the Esurf inside the tube; the nose of the Esurf must be secured by the Etube Lip; the Velcro comes on top of the board to secure the back side of the Etube onto the Esurf.
- We recommend to ride the Etube without fins to increase the manoever of the Etube + Esurf.

13.1.3 ETUBE RIDING INSTRUCTION:

Etube allows the rider to be standing on the Esurf prior moving; jump on the Esurf , stand on the board & activate the Esurf with the kill switch in order to start the activity.



Warning

Never secure the foot straps too tight while riding with the Etube; if you loose balance jump off the board and let it go.

13.2. EKART

13.2.1 EKART INSTALLATION INSTRUCTIONS:

- Start by removing both foot straps & pads from your Esurf;
- Once both remove start presenting your Ekart pad to your Esurf; you will find 4x inserts at the front of the pad located near the handle. Use those inserts with the extra screw supplied in your owner pouch in order to secure your Ekart pad onto your Esurf.

13. ACCESSORIES

- Present the 4x screw before tightening them. Only use the Esurf tool to secure your screw in order to not damage the inserts.



- After securing your pad you bring your Esurf into the Etube using the same technique as (etube installation *)
- Your Ekart kit is now fully ready you can install your Esurf battery by lifting the back side of the pad.
- After installing & securing your battery your Ekart kit is ready.



Note

Never ride the Ekart pad without the tube; serious damages on the Esurf can be caused.

13.2.2 EKART RIDING INSTRUCTIONS:

Bring your Ekart kit to the water you can jump on it and seat on the seating position; hold the central handle with your free hand and the Esurf throttle with the other hand; in order to steer the Ekart use your body balance transfer.



Note

do not use the Ekart with the Esurf fins Installed.

The Ekart can also be used by beginner to stand onto the board in order to get familiar with this new activity.



Warning

Do not overload the Ekart the maximum weight carrying capacity is 120kg. Excess load can cause mechanical damages to your Esurf.



ESURF

WWW.ESURF.COM



ESURF

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COBALT

DECLARATION OF CONFORMITY



We, the undersigned

Manufacturer's Name: **SARL COBALT**
 VAT: FR 07000144690
 RCI: 19S08211

Manufacturer's Address: 28 BD PRINCESSE CHARLOTTE, 98000

Country: MONACO

Tel.: TEL: +33 615 65 98 03

Certify and declare under our sole responsibility that the following apparatus:

Product Name : **Recreational Craft**
 Ονομασία : **Model ESURF / Type: R**

Restrictive use:
 Περιορισμοί χρήσης: *According to user's Manual*

Conforms with the essential requirements of the following EU Directives
 Συμμορφώνεται με τις απαιτήσεις των ακόλουθων οδηγιών της ΕΕ

- **Directive 2006/42/EC on machinery**

Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery, and amending Directive 95/16/EC

- **Directive 2014/30/EU EMC**

Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility.

- **Directive 2011/65/EU RoHS** (amended by Directive (EU) 2017/2102)

Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment, as it amended by Directive (EU) 2017/2102 of the European Parliament and of the Council of 15 November 2017 equipment

EU Harmonized Standards

EN 60204-1:2018

Safety of machinery - Electrical equipment of machines - Part 1: General requirements

EN ISO 12100:2010

Safety of machinery -- General principles for design -- Risk assessment and risk reduction

EN 61000-6-3:2007/A1:2011/AC:2012, EN 61000-6-3:2007/A1:2011

Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light industrial environments

EN 61000-6-1:2007

Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity for residential, commercial and light-industrial environments

EN 63000:2018

Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

The Technical documentation is kept at the following address:

Place, date: MONTE-CARLO, MONACO

Name and position of person binding the manufacturer or his authorized representative:
 Flavien NEYERTZ
 CEO / FOUNDER

15th September 2022**COBALT**

C/O CATS BUSINESS CENTER

Le Forum

28 BOULEVARD PRINCESSE CHARLOTTE

98000 Monaco

RCI 19S08211

I have read and understand these terms and conditions and I am aware that taking ANY of the above steps will void and nullify the ESURF™ warranty.

I have completed training conducted by an Authorized ESURF™ representative and understand what steps must be undertaken to ensure the ESURF™ board(s) are maintained, cared for, serviced and stored.

During this training no imperfections were found on the ESURF™ product.

MOTORIZED SURF MODEL: ESURF R

Hull Identification Number (HIN):

Serial Number (SN):

Seller:

Board Owner Name:

Address:

City, State/Province, Code:

E-mail:

Purchase Date:

Year:

Month:

Day:

Signature of Board Owner:

Signature of Seller:

Person:

Handover date:

Handover place:

ESURF OWNER'S AGREEMENT ORIGINAL

PRINT FIRST AND LAST NAME



I agree **NOT** NOT to undertake any of the following actions and understand that doing so will void and nullify the ESURF™ Warranty.

I WILL NOT

- 1) Transport the motorized surf with connected battery pack
- 2) Store the motorized surf with connected battery pack
- 3) Go to the water WITHOUT checking the board for integrity, scratches, holes to the hull. In case any of previously mentioned, the motorized surf must not be used.
- 4) Go to the water WITHOUT checking water presence and corrosion in the motor compartment
- 5) Go to the water WITHOUT checking that outlet screws are properly tightened.
- 6) Go to the water WITHOUT 100% battery level.
- 7) Go to the water WITHOUT reading owner's manual. If I did not understand anything, I contacted my nearest reseller.
- 8) Go to the water WITHOUT checking my board works according to my expectations and owner's manual description.
- 9) Leave the motorized board without checking I drained the water out of the battery pack area.
- 10) Leave any kind of dirt on the motorized board or battery pack after taking the board out of the water. Just after that, I will remove the battery from the board.
- 11) Leave the battery pack connection inside the battery compartment unclean. If the connector is unclean, I will immediately clean the dirt with for example. Tooth brush, and will lubricate it with contact cleaner.
- 12) Store the battery pack outside the Battery Pack Travel Bag in temperature level different than 10 – 30 °C.
- 13) Leave the board on direct sunshine.
- 14) End riding session WITHOUT putting the battery pack to the Battery Pack Travel Bag with maximum care of mechanical damage.
- 15) Use a Battery Pack with mechanical damage (case crack, scratches, damaged connector pins.)
- 16) Store and transport the battery with pressure compensation valve on.
- 17) Try to charge the battery pack immediately after the ride. For longer battery pack lifetime, I will leave the battery to cool down before I start charging.
- 18) Charge the battery pack in hot conditions with direct sunshine.
- 19) Charge the battery close to flammable objects. I will always make sure there is at least 2m distance.
- 20) Never leave the charging battery pack unattended.
- 21) Leave the battery pack connected uncovered after charging.
- 22) Transport the Battery pack fully charged. I will discharge the battery before transportation.
- 23) Use Safe Return mode for other purposes than safe return back to the shore.

THE WARRANTY DOES NOT APPLY TO:

- Normal operational wear and tear.
- Damage caused by accidents.
- Damage caused by using low-quality, incorrect or improperly authorized equipments.
- Damage caused by use of non-original spare parts and accessories.
- Damage caused by foreign objects, debris, sand, mud, dirt or other objects or large particles
- Damage caused by improper use, for example jumps.



ESURF OWNER'S AGREEMENT ORIGINAL

PRINT FIRST AND LAST NAME

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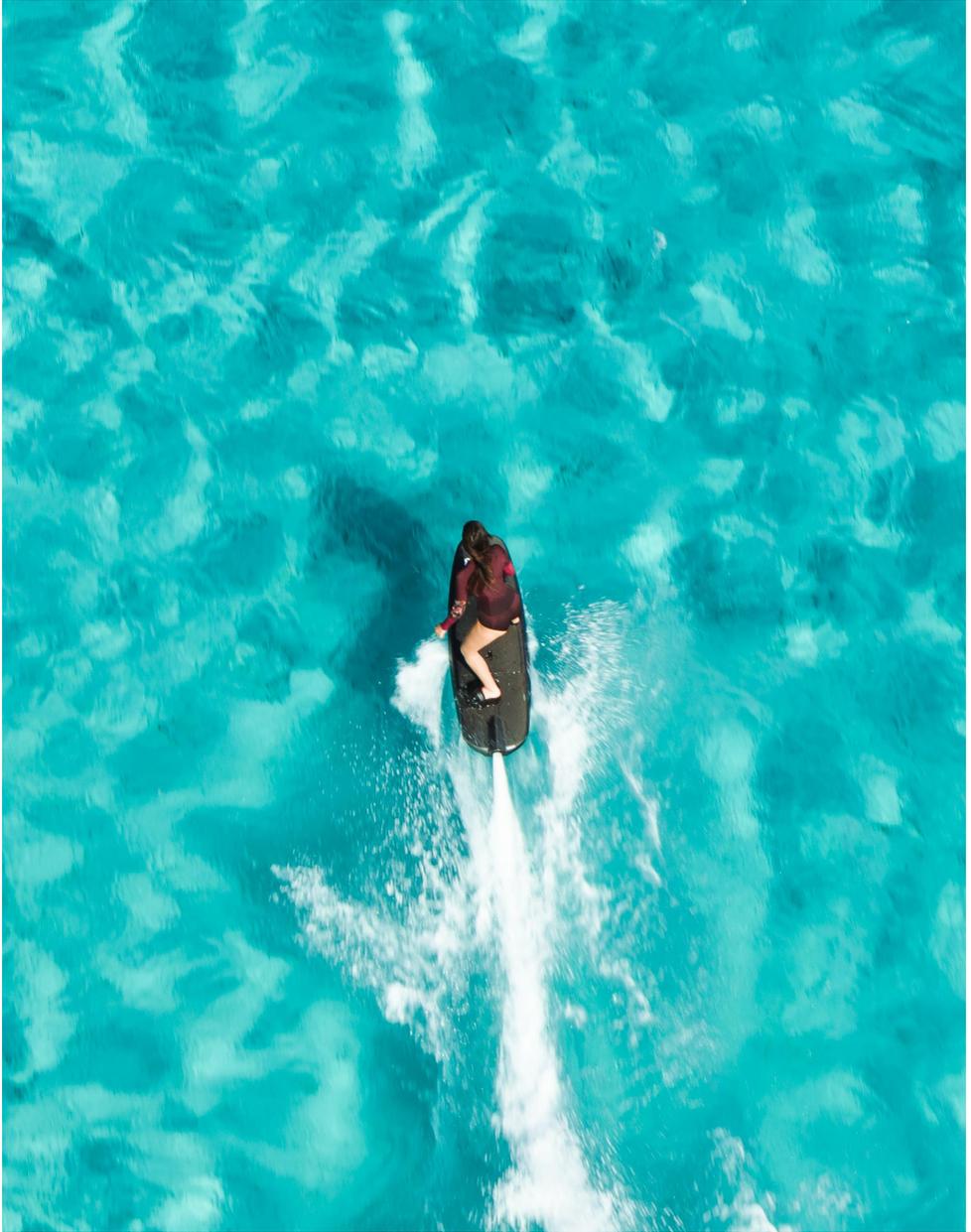
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ESURF

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ESURF



[ESURF.COM](https://www.esurf.com)

 [@ESURF](https://www.instagram.com/esurf)

A person in a black wetsuit is riding a surfboard on a sandy beach. The person is captured in a dynamic pose, leaning forward. The background is a soft, hazy landscape of sand and sky. The text 'THE ESURF' is written in a bold, white, sans-serif font, and 'R (evolution)' is written in a white, cursive script font below it.

THE ESURF
R (evolution)