

Distributor/Agent Contact



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Boatman Vulcan Bait Boat User Manual

Version number: 2024-D

Boatman

A letter to you

Dear customers

Hello ! Thank you for choosing Boatman Vulcan Boat made by Guangdong BoatmanElectronic Co.,Ltd.The Boatman Vulcan Boat was independently designed according to the feedback we collected from anglers,produced and sold by our company and is CE and RoHs certified. Guangdong Boatman Electronic Co., Ltd. is a professional manufacturer of bait boat and fish finder, we have different product for your need. We have set up: professional R&D team, scientific engineering certification team, modern production facilities, strict quality management system, product sales team and product aftersales team. At the beginning of your choice of our products, your satisfaction is already the goal of our efforts. In order to bring you a pleasant product experience, please read the user manual carefully before using the product and regulate the use of the product.

When using our products, if you had any problems, please contact the local distributor or seller. Or you can turn to the last page of this manual to contact with BOATMAN China, we will do our best to help you.

At the same time, we also look forward to your sharing your experience after using our products, which will be the source of motivation for us to continue to optimize our products, thank you! Welcome to visit Boatman website: www.boatmanboat.com . Thank you once again for your support to Guangdong Boatman Electronics Co.,Ltd.

All rights to interpret this user manual are reserved by Boatman.
Thank you again for your interest and support of Boatman's products.

Note: All pictures in this manual are for reference only, subject to the actual receipt of the goods

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Warning

When the battery reaches around 30% or below, the boat will turn in low power mode and all the lights of boat will flash as a warning. Please charge the battery or use a safety rope as precaution.

1.Product Introduction

Please take videos to record when you open the box, and check whether the surface of the boat is damaged or severely scratched.
If there is something wrong, please contact customer service to provide video evidence, to replace the damaged parts.

1.1 Product Version List

There are 2 versions of Boatman Vulcan Bait Boat,customers can choose different version base on what they need.

Product version form:

No.	Model	Basic	GPS	Sonar	Battery Capacity
1	Vulcan Basic	√	X	X	10A
2	Vulcan GPS	√	√	X	10A

Note: The symbol "√" in the above form means the function is available, "X" means unavailable.



(1) Vulcan Basic



(2) Vulcan GPS

1.2 Basic Parameters

Hull material	ABS
Remote control distance	500m
Maximum speed	75m/min
Wave resistance level	4 Class
Waterproof level	IPX7
Hopper loading	3Kg
Boat battery specifications	7.4V/10Ah*2
Boat Battery Charger Specifications	9V/2A
Boat battery charging time	About 5h
Boat battery life	About 1~1.5h
Remote control charger specifications	5V/1A
Remote control charging time	About 4h
Remote control battery life	About 5~6h
Product Size	520×297×231mm
Package Size	575×342×270mm
Product Weight	About 3.75Kg

1.3 Boat structure introduction

The structure of the boat is shown as below:



1.4 Remote Controller Introduction

Vulcan Basic Remote Controller

- Hook release** _____
Back-up button
- Right hopper** _____
Short press to open/close the right hopper
- Middle hopper** _____
Short press to open/close both left and right hopper at the same time
- Left hopper** _____
Short press to open/close the left hopper
- Speed** _____
Short press to switch between high, medium and low speed.
- Forward** _____
Short press the button to set the auto go forward time from 1-3 mins. (Tap once to add 1 minute)
- Joystick** _____
Move the joystick to control the sailing direction.
- Pairing** _____
Long press the button for 3 seconds till remote beeps.
- Lamp great/Full** _____
Long press for 3 seconds to turn off/on the side lights and rear lights.
- <left** _____
Use it in combination with the <Yaw> button. Press and hold <Yaw> and click <Left>. When the boat veers to right, adjust the yaw to the left.
- Backlight** _____
Short press: turn on/off backlight.
- Yaw** _____
Combo button, hold down the button, tap <left or >right to adjust the boat yaw.
- Power** _____
Long press: turn on/off.
Short press: turn on/off backlight.
- Charging port** _____
- Compass calibration** _____
Press and hold for 3 seconds to enter the compass calibration.
- >right** _____
Use it in combination with the <Yaw> button. Press and hold <Yaw> and click <Right>. When the boat veers to left, adjust the yaw to the right.
- Shore Directional** _____
Press the button for 3 seconds to mark the boat direction.
Short press the button, the boat will return to the opposite direction of the marked direction.



Vulcan GPS Remote Controller

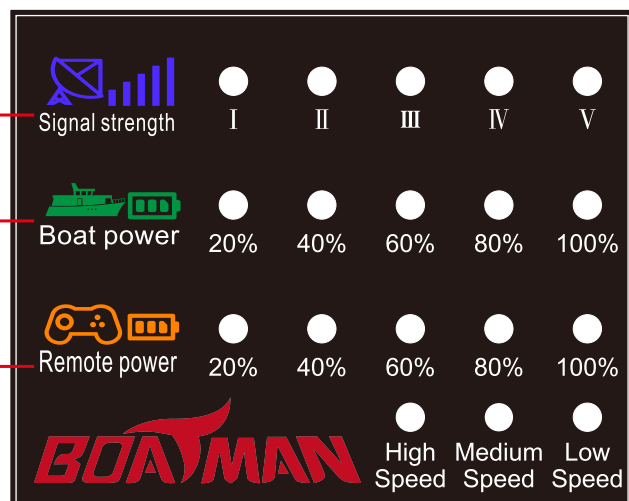
- Hook release** _____
Back-up button
- Right hopper** _____
Short press to open/close the right hopper
- Middle hopper** _____
Short press to open/close both left and right hopper at the same time
- Left hopper** _____
Short press to open/close the left hopper
- Speed** _____
Short press to switch between high, medium and low speed.
- Forward** _____
Short press the button to set the auto go forward time from 1-3 mins. (Tap once to add 1 minute)
- Joystick** _____
Move the joystick to control the sailing direction.
- OK** _____
Short press: Confirm or change the selected parameter.
- Lamp great/Full** _____
Long press for 3 seconds to turn off/on the side lights and rear lights.
- <left** _____
Short press: select cursor, move left or up
- Home point** _____
Press and hold for 3 seconds to save the home point.
- Navigation / Return** _____
Short press to navigate to the selected GPS point.
Long press for 3 seconds, the boat return to home point automatically.
- Power** _____
Long press: turn on/off
- Charging port** _____
- Save point** _____
Short press: Save the boat's current position to the selected GPS number.
Long press: Delete a saved GPS point.
- >right** _____
Short press: select cursor, move right or down
- Menu** _____
Short press to enter the menu setting page.
Long press for 3 seconds to exit the menu.



1.5 Remote Control Screen Interface Introduction

1.5.1 Basic Version Joystick Remote Control Screen Interface

- Remote power**
Indicating the battery ratio of the remote control, 100% is fully charged.
- Boat power**
Indicating the battery ratio of the boat, 100% is fully charged.
- Signal strength**
Indicating the strength of the communication signal between the boat and the remote control, and five bars is the strongest.

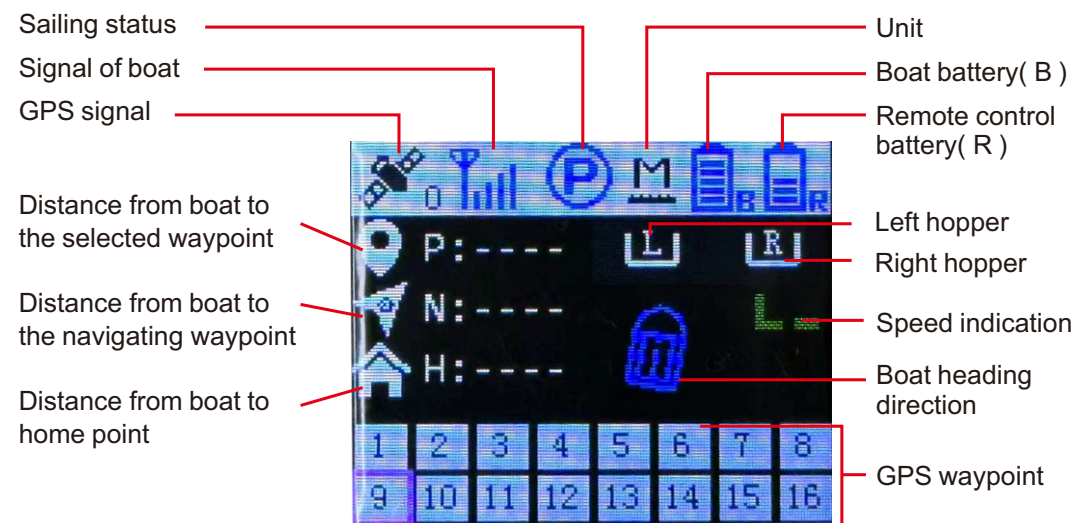


High-speed
Indicates the current speed of the hull is about 75m/min

Medium-speed
Indicates the current speed of the hull is about 65m/min

Low-speed
Indicates the current speed of the hull is about 55m/min

1.5.2 GPS Remote Control Screen Interface Introduction



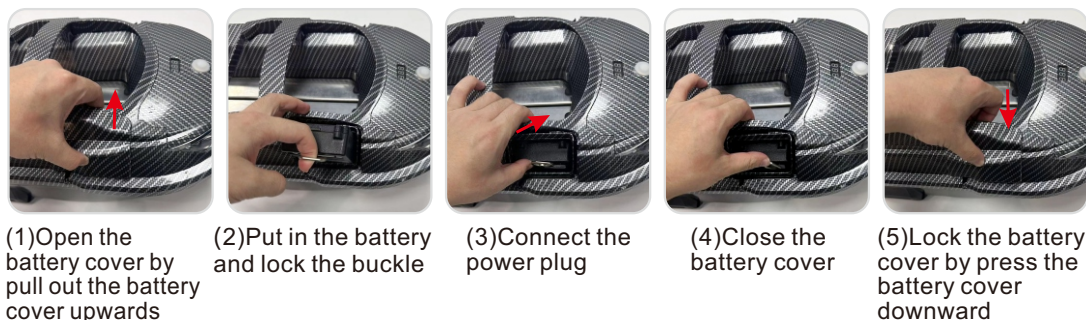
GPS Remote Screen Description:

- 1.GPS signal:** When there is no GPS signal, it will be displayed in black, and when there is a signal, it will be displayed in blue. The lower right corner shows the number of GPS satellites, 0-12, and shows 6 stars or more for normal navigation.
- 2.Signal of boat:** When there is no signal in the remote control, it will be displayed in black; When there is a signal, it is displayed in blue, and the signal is divided into 4 grids.
- 3.Sailing status:** Corresponding to the direction of the joystick (8 directions in total)
- 4.Unit:** "FT" for feet, "M" for meter
- 5.Boat battery(B):** A total of 5 grids, when the power is low, the boat battery display frame on the remote control flashes red.
- 6.Remote control battery(R):** A total of 5 grids, when the power is low, the remote control battery display frame on the remote control turns red and does not flash.
- 7.P:** Indicates the distance from boat to the selected waypoint.
- 8.N:** Indicates the distance from boat to the navigating waypoint.
- 9.H:** Indicates the distance from boat to home point.
- 10.Speed indication:** H: High-speed, M: Medium-speed, L: Low-speed.
- 11.Hopper status:** L indicates status of left hopper, R indicates status of right hopper. Hopper closed: Hopper open:
- 12.Boat heading direction:** Boat's Heading direction indication.
- 13.GPS waypoint:** There are 1~16 GPS waypoint.

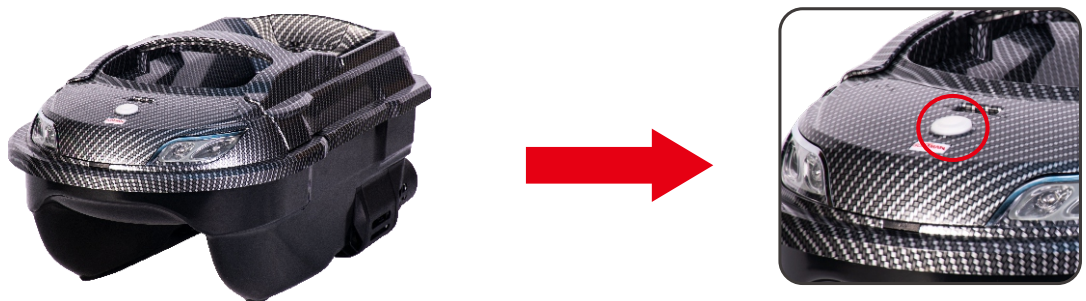
II. Instructions for use

2.1 Installation Before Use

2.1.1 Battery Installation



2.1.2 Power on



Press the power button to turn on/off.

2.2 Remote Control Pairing

The remote controller and the boat are paired at the factory, so the user normally can use it directly.

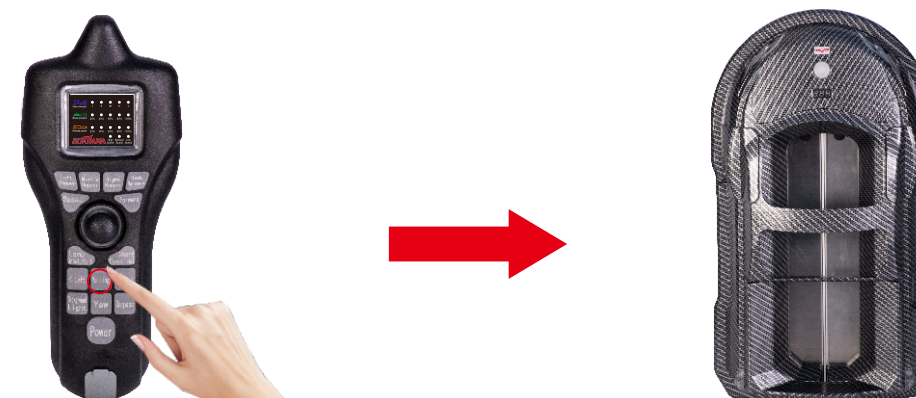
Customers need to do the pairing operation in the situation below:

- (1) When the remote can not control the boat
- (2) Change new remote

【Basic Joystick Remote Control】

Please follow the following steps for pairing:

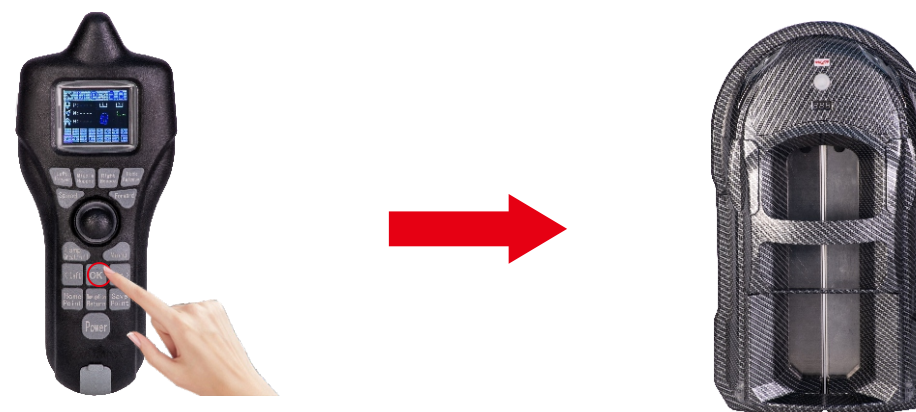
- 1.Long press the **pairing button** for 3 seconds, the remote controller will enter pairing mode and keep beep.
- 2.Power on the boat, front and rear lights flashing, wait for a while.
- 3.Remote control will stop beeping once it paired with the boat successfully.
Move joystick to see if it can control the boat normally .



【GPS Remote Control】

Please follow the following steps for pairing:

- 1.Long press **OK button** for 3 seconds till remote beeps, remote enter into pairing mode.Or enter the menu and select page 1 item **[4. Remote pairing]**.
- 2.Power on the boat, front and rear lights flashing, wait for a while.
- 3.Remote control will stop beeping once it paired with the boat successfully.
Move joystick to see if it can control the boat normally .



2.3 GPS navigation operation

2.3.1 Home point setting



Manual save: Press and hold the remote control Home point button for 3 seconds to save the current boat position as the Home point.

When the Home point is valid, the icon shows green.

Save successfully, prompt "beep", when there is no GPS signal to save points, prompt "beep beep beep" three times.

2.3.2 Save way point



Manual save: press once the Save Point button, Select YES Save

2.3.3 Delete waypoint



Manual deletion: Long press the save point button to delete the selected save point.

2.3.4 Auto navigation operation



Short press the <Navigation Return> button, enter into selection page.

Press the <hook release> button to choose whether to open hook release automatically.

Press the <home point> button to choose whether to return home automatically.

N for no, Y for yes.

Press the <Navigation Return> button again to start navigation.

Note: When you press the <Navigation Return> button by mistake, press the <Right> key to select CANCEL, and then press the <OK> button to exit.

2.3.5 Return to Home point



Manual return: Press and hold the navigation/return button for 3 seconds to enter automatic return. The icon H turns red. After reaching the target point, two beeps will be heard.

2.4 Anti-loss protection

The boat will automatically return to the starting point when any of the following conditions occur:

- (1) When the boat has a low power alarm for more than 30 seconds;
- (2) When the boat cannot receive a signal for more than 30 seconds;
- (3) When the boat is more than 600 meters away from the starting point.

2.5 Battery Charging

2.5.1 Boat battery charging

Battery Charging:Charger indicator light has two colors: green & red. When the red light is on, it indicates battery is charging.

When the green light is on,it indicates battery is full charged.

The charging method is shown as below:



Note: Please use the original charger to charge, do not mix it randomly to prevent battery damage.

2.5.2 Battery Introduction



- (1) Carrying Handle: The carrying handle for taking battery,
- (2) Battery indicator switch: Tap it to turn on the indicator light.
- (3) Battery capacity display: indicate the battery capacity

2.5.3 Charging the Remote Control

Please plug in the power supply to charge the remote control when it is turned off.

(1) Basic version remote control.

The screen power indicator will flash during charging, and all 5 lights will be on when fully charged.

(2)GPS version remote control: There is a battery capacity indicator in the screen while charging the remote, the indicator flashing and the screen turn off automatically 15 seconds later, customer can press the power button to wake up the screen to check the charging status, indicator stop flashing when it full charged.

Charging interface: USB TypeC (factory only equipped with a charging cable, USB charging head not including in the standard package)



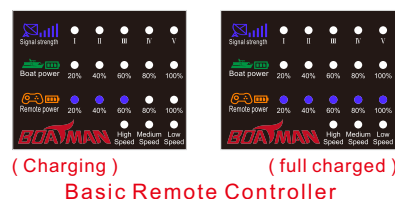
Open the remote control charging port silicone



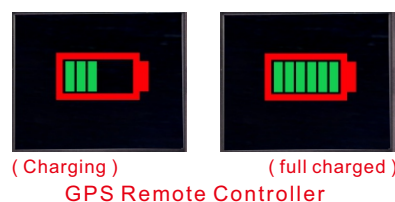
Plug in charger



Put the silicone back when full charged



(Charging) (full charged)
Basic Remote Controller



(Charging) (full charged)
GPS Remote Controller

III. Maintenance Attentions

- (1) After used the boat, please clean the boat by cleaning towel avoid stain damage surface.
- (2) After used the boat, please check if foreign matter within propellers.
- (3) If not use boat for a long term, please clean the boat, take off the battery, put the boat into packing box and put in a cool and dry place avoid damp damage the boat.
- (4) If not use boat for long term, please fully charged battery and put it in a cool and dry place, charging the battery every 3 months, avoid battery damage cause losing power.

IV. After Sales Service

4.1 Boat Accessories

During normal use, if there are any parts of the boat damaged, please contact us in the following ways:

- (1) The distributor/dealer who near to your address.
- (2) The distributor/dealer who sell the boat.
- (3) Contact BOATMAN China if you don't know who can offer service ,then we will contact distributors and let them help you.

Note: Please don't disassemble the boat to repair it by yourself if it is damaged, to prevent secondary damage.

4.2 Boat Upgrade

When users need to upgrade the function of the boat, please contact the local distributor /dealer to upgrade or contact BOATMAN China .

4.3 Contact Information for After Sales Service

Users can contact our distributor in the distributor contact form in the user manual, or contact distributor on facebook , insgram , whatsapp, official website in different country (EU/South Africa/China etc.). You can use the product with confidence, and our service will be your guarantee to purchase our product .

V. Warranty

5.1 Warranty Conditions

The boat has passed the strict quality inspection. The warranty period on the quality of the products the costs borne by our company. The warranty period due to improver you use, all the maintenance costs are charged by yourself. Users can chose to repair and replace parts in the manufacturer, distributor or company's designated warranty points.

The following conditions are not covered by the warranty:

- (1) Exceed the specified warranty period.
- (2) Invalid sales vouchers and warranty cards.
- (3) The serial number of warranty card is not the same as the boat.
- (4) Improper use by users, such as: impact, falling, self-disassembly etc.
- (5) Serious contamination cause of the damage since it is not properly maintained.
- (6) Product is not included in the warranty item list.
- (7) Damage caused by natural disasters such as fire, flood, lightning, and earthquake.
- (8) Company's gifts.

5.2 Warranty Item

Warranted parts, accessories and warranty years:

No.	Accessories	Warranty Time
1	PCB Board of Boat	1 Year
2	PCB Board of RC	
3	Motor	
4	Servo of Hopper	
5	Battery	
6	Charger	6 Months

VI. Attentions

This product has passed the standard safety certification, please feel free to use. In order to avoid serious damage to the product when using it, please read the user manual in detail and pay attention to the following matters.

1. Please check the hull for cracks or possible waterproof failure to avoid sinking of the boat due to water leakage or damage to internal parts of the hull.
2. Please pay attention to the power status of the boat and remote control, to prevent the battery from entering low power protection mode and leading to losing the boat.
3. Please pay attention to the connection status of remote control and boat, whether the remote control working normal or not, to prevent the remote control from failing and losing the boat.
4. Please pay attention to the weather condition, it is strictly forbidden to use in the wind and waves above level 4.
5. Please pay attention to the environment under the water 20cm depth, such as water plants, fishing nets, gravel and other stripes or large particles. Please do not use the boat when there are foreign objects such as water plants, fishing nets, gravel or large particles, to prevent the foreign objects from getting caught in the propeller and damaging the propeller.
6. When the boat is powered on, please pay attention to whether the boat has any abnormal sound, odor, spark or electrical burning phenomenon. Abnormalities should immediately cut off the power supply, contact the aftersales service to prevent greater losses.
7. The RC bait boat and remote control normally use, there will be relevant prompts in the remote, please operate accordingly according to the prompts.
8. The bait boat is design for fresh water fishing, not applicable to the salt-water, please do not use it in the sea.

Battery safety, please read the battery use precautions in detail:

- NEVER leave the battery inside the boat cabin to charge.
- NEVER store the battery fully charged or flat.
- NEVER leave a charging battery unattended, keep watch on the charging process & react to any potential problems that may occur.
- NEVER charge a hot battery, always let it cool down first.
- Always use the supplied charger by BOATMAN. Improper chargers can cause permanent battery damage and lead to a fire.
- NEVER over-charged the battery, Over-charging will affect the life span of the battery.
- NEVER store LiPo batteries in any location that exceeds 25°C (80° F) for a long time. (e.g. in a car, garage, kitchen, or in the sun)
- ALWAYS store LiPo batteries in cool, dry places between 5-25°C (40-80° F).
- NEVER let the battery or charger's positive and negative leads touch. This can cause the battery to be short and lead to a fire. Do not disassemble, splice, or connect the battery by yourself, This can cause the battery to be short and lead to a fire.
- NEVER charge a swollen or ballooned battery (even if swollen upon purchase). Continuing to charge a battery that has begun to swell will result in a fire.

If the battery reaches high temperatures during charging follow these steps:

- STOP the charging process and disconnect the battery immediately.
- Disconnect the battery from the charger immediately.
- Place it in an open non-flammable area.
- Watch it for approx. 30 minutes from a safe distance.
- Follow proper procedure to dispose of the battery.
- ALWAYS inspect the battery to ensure no signs of damage, deformity, or swelling before charging.

If there are, STOP charging the battery and follow the proper procedure to dispose of the battery.

- Please keep away from humidity, water, high temperature, and other environments that are not conducive to battery charging.
 - ALWAYS charge batteries in a fireproof container and away from combustible material.
- Do NOT charge on surfaces that can catch fire including wood, cloth, carpet, or the application's device, etc.
- Do NOT charge in environments that can catch fire including the kitchen, garage, warehouse, etc.

If the battery reaches high temperatures after a crash follow these steps:

- Disconnect the battery immediately from the boat.
- Place it in an open non-flammable area.
- Watch it for approx. 30 minutes from a safe distance.
- If the battery appears to be stable (no signs of damage or swelling) proceed to put it back into use with caution.
- Keep LIPO batteries out of reach of children or pets.
- Avoid over-discharging the battery, it can cause permanent battery damage.
- Handle the battery with care, dropping it may cause permanent total damage. Do not use a battery that has been dropped from a high place.