

October 12, 2021

Shenzhen Waydoo Intelligence Technology Co., LTD

Dear valued customers,

# Re: battery storage during offseason and general safety guidelines

The autumn season is officially here in the Northern Hemisphere. As the leaves start to turn golden and the weather cools down, many of you are spending less time out on the water and more time inside. We have received many messages inquiring how to properly store and maintain the PowerFlight cell battery during the offseason. To answer your questions, we have compiled complete Battery Safety Guidelines on safely operating, recharging, maintaining, storing the battery, and safely disposing of a faulty battery. For the sake of your general safety and the battery's longevity, please strictly follow the attached guidelines when dealing with the PowerFlight cell battery.

If you have any further questions regarding the battery, please contact the Waydoo Support Team via email at support@waydootech.com.

Sincerely,

Waydoo



# Waydoo PowerFlight Cell Battery Safety Guidelines

#### Warning:

Lithium-ion batteries contain several chemical components of which any improper use, charging, and storage may cause personal injuries, death, and property damage. Please refer to the following safety guidelines to operate and maintain the Waydoo PowerFlight cell batteries.

### Proper usage:

- 1. Do not use batteries and chargers that Waydoo does not officially provide. Please visit Waydoo's official website or Waydoo authorized dealers to purchase replacements. Waydoo is not responsible for incidents caused by any use of batteries or chargers that Waydoo does not officially provide.
- 2. Do not use swollen, leaking, or damaged batteries. If the above situation occurs, please contact Waydoo or its designated service agent for further processing.
- 3. Make sure the battery is powered off before installing or taking the battery out of the board. Do not pull out or plug in the charger when the battery is on. Otherwise, electric sparks or arcs may be generated, causing danger or damage to the battery connector port.
- 4. Do not expose the battery to temperatures above 40 °C (104 °F) or throw the battery into fire. The battery should be used between -20°C and 40°C. High temperatures (above 40°C) may cause the battery to catch fire and even cause an explosion. Low temperatures (below -20°C) may severely shorten the battery life.
- 5. Do not use the battery in environments with strong static or magnetic interference. Otherwise, the battery protection board may be rendered ineffective, causing serious failure of the board.
- 6. Do not disassemble or pierce the battery with sharp objects in any way, or the battery may catch fire or even explode.
- 7. Do not touch the battery fluid. If the battery leaks, please do as follows:
- Keep the leaked liquid away from skin, eyes, clothing, or other surfaces.
- If the battery fluid comes into contact with skin, eyes, or clothing, please rinse the affected area with clean running water immediately, and contact a doctor or other medical service providers if necessary.
- 8. Please do not use the battery if it is dropped from the board or impacted by an external force. Continued usage may cause the battery to release smoke, catch fire, or even explode.
- 9. If the battery accidentally falls into the water, recover it immediately and place it in a safe open area, and stay away from the battery until it is completely dry. The dry battery should not be used again. It should be disposed of according to the disposal methods in this guide. If the battery catches fire, please use sand or dry powder fire extinguishers to put out the fire.
- 10. Do not use wires or other metal objects to short-circuit the positive and negative poles of the battery. If there is a "happy" sound from the mast when installed on the board with the battery off, or there is power output when the battery is off, it means that the battery has lost its short-circuit protection. Please stop using the battery immediately. Make sure that external objects do not short-circuit the positive or negative terminal of the battery under any circumstances.
- 11. Please make sure that the battery integrated port does not enter seawater during usage. The water inside the integrated ports will cause oxidation and corrosion to the



port terminals, causing failure to charge or port damage due to heat accumulation. Please rinse the integrated port with fresh water and let it air dry after it comes into contact with seawater.

### Recharge:

- 1. Waydoo battery must be charged with a charger officially provided by Waydoo. Otherwise, Waydoo shall not be held responsible for any consequences caused by using chargers that Waydoo does not officially provide.
- 2. Waydoo battery will automatically stop charging when it is full. After the battery is fully charged, please pull the charger out from the battery in time.
- 3. When charging, please place the battery and charger on a cement floor or other surface with no flammable and combustible materials around, and please pay attention to the charging process to prevent accidents. Do not charge nearby while sleeping, and stay away from the charging battery or isolate it with a fire door to ensure personal safety in the event of an accident during charging.
- 4. Do not charge the battery immediately after surfing. The high battery temperature may cause severe damage to the battery life if charging is done before it cools down. It is recommended to charge the battery after it has cooled to room temperature. The ideal charging environment temperature (5°C-40°C) can significantly extend the service life of the battery.
- 5. Please disconnect the charger and battery immediately after charging. Regularly check and maintain the charger, its appearance, and other parts. Never use alcohol or other flammable agents to clean the charger. Do not use a damaged charger.
- 6. The battery should be kept away from a heat source while charging. When the battery core temperature is higher than 50 degrees, the battery will be seriously damaged, and there is a risk that the battery cells will catch fire. Make sure that there are no combustible objects around the battery when charging. If possible, it is recommended to charge the battery in a dry and cool outdoor area and store the battery properly after charging.

#### **Storage and transportation:**

- 1. Please store the battery in a place out of reach of children. If a child accidentally swallows a part, seek medical care immediately.
- 2. Do not place the battery near a heat source, such as in a car, fire, or heating furnace, or expose the battery to direct sunlight or hot weather.
- 3. Short-term storage: Store the battery in a dry area with no corrosive gas and within humid temperatures between -20°C and 35°C. If the temperature is too high or too low, the metal parts of the battery will rust, or the battery will leak.
- 4. Long-term storage: Long-term storage causes battery activity passivation and speeds up self-discharge. Therefore, the ambient temperature should preferably remain between 10°C-30°C. Additionally, it is necessary to do a charge-discharge cycle every 3 months to maintain the activity and recovery performance.
- 5. Do not store the battery for an extended period after it is completely discharged. Over-discharged may damage the battery cell and failure to resume regular use.
- 6. Fire extinguishing equipment, heat-insulating gloves, and fire tongs should be kept in the storage room and surfing spots. In case the battery smokes or catches fire due to improper use, please use a large amount of dry sand, water, a fire blanket, or an ABC dry chemical fire extinguisher to extinguish the fire in time.
- 7. Do not store or transport the battery with eyeglasses, watches, necklaces, hairpins, or other metal objects.



8. Never transport damaged batteries. If a battery needs to be transported, be sure to discharge the battery to about 20%-30% power level. Strong vibration, impact or squeezing, and exposure to sunlight and rain should be prevented during transportation. The battery should be transported by ordinary vehicles such as cars, trains, and ships.

## Disposal of the battery:

Please make sure to completely discharge the battery before placing the battery in a designated battery recycling bin.

- 1. STOP using or charging the battery.
- 2. Immediately put the battery in a container with 18L fresh water and ensure the faulty battery is completely immersed. The customer must provide our support team with a picture of this action to get approval for a replacement battery.
- 3. Dispose of the battery properly or send the battery to a professional institute for disposal. Alternatively, recycle the batteries as per local laws and regulations. For the treatment of the polluted water, please also refer to the local environmental protection laws.
- 4. If the customer is unable to dispose of the battery timely or discharge it in the water, please use electrical tape to cover and insulate the negative terminal and positive terminal to avoid contact between the two terminals; put the battery in a fireproof box or bag if possible; then place it on non-combustible cement/tiled ground OUTDOORS.