

BATTERY CARE AND SAFETY

CHARGE

- Immediately after a flight, the chemicals inside the battery are unevenly distributed and charging can cause
- internal damage and risk of fire. Wait 20 minutes after a flight before recharging a battery to allow chemical concentrations to even out.
 - If you notice a significant drop in the flight time available after fully charging of one of your batteries, do not continue to use or charge that battery. Significantly reduced power capacity can indicate an internal fault.
 - Your drone is supplied with an intelligent charger that balances charge, reduces risk of over-charging and detects the abnormally low voltages that can signal a battery fault and risk of fire.
 - Your charger has a LED for each of the battery's three cells (marked 1, 2 and 3), plus an overall charger status LED (marked Status). While charging, cell LEDs will flash red and the overall status LED will shine red, so don't worry if you see a flashing red cell LED - this just means that the cell is being balanced. If, however, the overall status LED flashes red, it either means that the battery was undercharged and is being charged slowly, or it means there is a fault. If it flashes red for more than 30 minutes, disconnect and discard your battery.
 - If possible, always charge batteries in a Lipo Guard bag. These bags are designed to limit the spread of fire.

STORE

- Don't store a fully-charged battery for more than one month. Batteries should be stored charged to about 50% - a voltage of about 3.85 V per cell, or 11.55 V in total. With your drone connected to eMotion, your battery's total voltage is shown on the Flight Monitoring tab. If you need to store a battery, and it's level of charge is higher than this, fly a short mission to discharge the battery.
- Do not leave batteries in your drone for extended periods. Try and store batteries in your drone's case. If you need to store them elsewhere, avoid direct sunlight and store in a cool place indoors.

USE (DISCHARGE)

- Plan your flights so that they are comfortably within the limits of the battery. Leave some time at the end of the flight to compensate for any unexpected need for extra power.
- In low temperatures or with strong winds, you must adapt your missions to a shorter available flight time per charge. In strong wind your drone uses more power. A steady 12 m/s wind reduces available flight time per charge to 15 - 20 minutes.
- In cold conditions, where the air temperature is below 5°C (41°F), keep batteries warm or warm them up to at least 5°C before connecting them to the drone.

DISPOSE

Discarding batteries in general household or commercial waste is harmful to the environment. Damaged or unusable batteries must be disposed of properly, for example, in a container specially reserved for this purpose. When disposing of the battery, follow appropriate local guidelines and regulations. For further information contact senseFly, the reseller from whom you purchased your drone, or your local municipal authority.

STAY SAFE

- Avoid all contact with the electrolyte in the battery and electrolysis vapours. In the event of a leak, do not allow battery contents to come into contact with skin or eyes. In case of contact with the skin, wash copiously with soap and water. In case of contact with the eyes, rinse copiously with cold water and consult a doctor. In case of inhalation of electrolysis vapours, seek medical help.
- If you notice a suspicious smell or noise or observe smoke emanating from the battery or charger, disconnect it immediately. Never charge a swollen battery, one that is leaking or one which has been damaged.
- Only charge the supplied battery with the supplied charger. Do not attempt to charge the battery with another charger, or use the supplied charger to charge other batteries.
- Inspect the batteries and charger regularly for damage to the cable, plug, enclosure or other parts. Do not use the battery if the plastic cover has been torn or compromised in any way. Never use a damaged charger.
- Do not charge batteries near inflammable materials or on an inflammable or conducting surface, for example, do not charge on carpet, a car seat, wooden flooring or wooden furniture.
- Do not leave the battery unattended while charging.
- Do not cover the battery or charger while charging.
- Do not place or store your battery near a source of heat.
- Do not attempt to charge the battery while it is still installed in your drone or inside the case.
- Do not attempt to recharge a battery if the ambient temperature is below 0°C or above 40°C.
- Do not expose the battery to excessive physical shock such as impact or crushing force. Do not place any heavy objects on the battery or charger. Avoid dropping the battery.
- Keep batteries out of the reach of children.
- Do not expose the battery to heat or dispose of in a fire.
- Do not allow the battery to come into contact with any kind of liquid. Do not leave your device out in the rain or near a source of moisture.
- Do not put the battery in a microwave oven or in a pressurised container.

Do not attempt to dismantle, pierce, distort or cut the battery and do not attempt to repair the battery or charger.

- Do not transport batteries in the hold or other area of an aircraft that is inaccessible during flight. On commercial flights, do not check batteries in - transport them in hand baggage.

Non-compliance with these instructions could result in gas being given off, fire, burns, electric shock or an explosion. The user accepts liability for the use of the supplied Lithium-ion Polymer battery. As the manufacturer and the distributor cannot ensure the battery is used correctly (charging, discharging, storage, etc.), they cannot be held liable for damages caused to persons or property. Batteries used in accordance with these guidelines that fail while under warranty may be replaced free-of-charge. Contact senseFly or your reseller for details.