E lift paragliding

Warning

- Powered paragliding is a potentially dangerous sport that can cause serious injury including bodily harm, paralysis and death. undertake the full knowledge that powered paragliding involves such risks.
- As the owner of an e-lift paragliding you take exclusive responsibility for all risks associated with it's use. Inappropriate use and or abuse of your equipment will increase these risks.
- Any liability claims resulting from use of this product towards the manufacturer, distributor or dealers are excluded.
- Use only certified paragliders, harnesses with protector and reserve parachutes that are free from modification, and use them only within their certified weight ranges. Please remember that flying a glider outside its certified configuration may jeopardize any insurance (e.g. liability, life etc) you have. It is your responsibility as the pilot to verify your insurance cover.
- Make sure you complete a thorough daily and preflight inspection of all of your equipment. Never attempt flying with unsuitable or damaged equipment.
- Always wear a helmet, gloves and boots.
- All pilots should have the appropriate level of license for their respective country and third party insurance.
- Make sure that you are physically and mentally healthy before flying.
- Choose the correct wing, harness and conditions for your level of experience.
- Pay special attention to the terrain you will be flying and the weather conditions before you launch. If you are unsure do not fly, and always add a large safety margin to all your decisions.
- NEVER fly with e-lift paragliding in rain, snow, strong wind, turbulent weather conditions or clouds.
- Do not fly acro with e-lift paragliding it's designed for cross country flying.
- Use a g- chute for spiraling and avoid high G-forces, this puts unnecessary force on the frame.
- Do not start the propeller while the device is stationary.
- Do not start the motor before the wing is properly controlled above you. If in doubt, abort the start and try again. Failing to do this may result in significant damage.

Battery & charger safety WARNINGS

- Keep the battery & charger away from water and open fire.
- Do not use the battery & charger for other purposes.
- Do not connect terminals.
- Store batteries in a dry, cool, and well-ventilated place, out of the reach of children and pets.
- Do not subject the battery & charger to shocks (e.g. by dropping).
- Keep batteries away from direct sunlight, extreme heat, or cold.
- Stop the charging procedure immediately if you notice a strange smell or smoke.
- In the unlikely case that the battery is on fire, do NOT try to put it out with water. Use sand instead and call emergency services

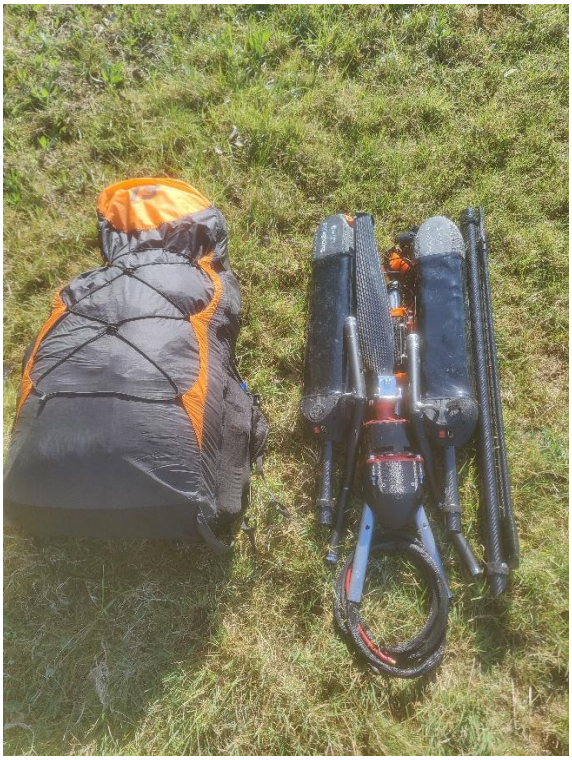
Do not hesitate to contact us after damage

If a battery or device is damaged, such as through leakage, overheating, or physical damage, do not hesitate to contact us immediately. It is important to act quickly to prevent further damage or safety risks. Our customer service is ready to advise you on the proper steps to take, such as safely removing the damaged battery, replacing the device, or properly disposing of damaged batteries.

Safety is our top priority, so feel free to seek assistance if you have any doubts or concerns regarding the condition of your batteries or devices.

If you use good, safe judgment you will enjoy many years with e-lift paragliding.

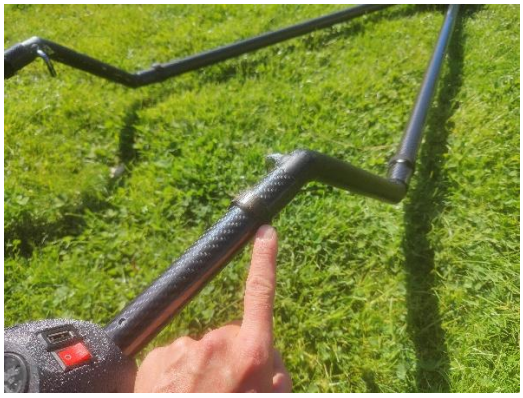
For the assembly



1) Route the motor cables through the tube. Attach the carbon tubes to the motor part and insert the Velcro strip with the aluminum plug into the corresponding holes. Ensure everything is securely fastened.


2) Pull the motor cables through the aluminum and slide the aluminum through the carbon tube. Place the Velcro strip with the plug into the corresponding holes and check that everything is securely fastened.


3) Pull the motor cable through the carbon tube of the battery and slide the rear of the battery tube over the aluminum. Insert the Velcro strip with the plug into the corresponding holes and ensure everything is securely fastened.



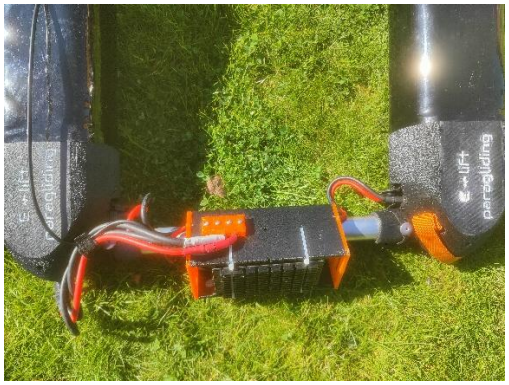

4) Place the controller at the front into the designated connection points, press it firmly, and insert the Velcro strip with the plug into the corresponding holes. Ensure everything is securely fastened.

5) Check that the batteries are turned off.

6) Connect the motor cables and follow the color codes. Wrap the Velcro around the throttle cable and motor cables to ensure a neat connection. (If the motor rotates in the wrong direction after a propeller swap, you can easily reverse the rotation by swapping two colors.)


7) Plug the 2 cables from the controller into the battery.





8) Lift the motor part and place the sled into the two designated holes at the bottom of the motor part. Secure the Velcro tightly around the sled attachment.


9) Detach the shoulder straps from the carabiners and place the loop over the carabiner.

10) Hook the aluminum frame into the carabiner, place the loop over the aluminum frame, and then loop it back over the carabiner.

11) Reattach the shoulder straps to the carabiners.

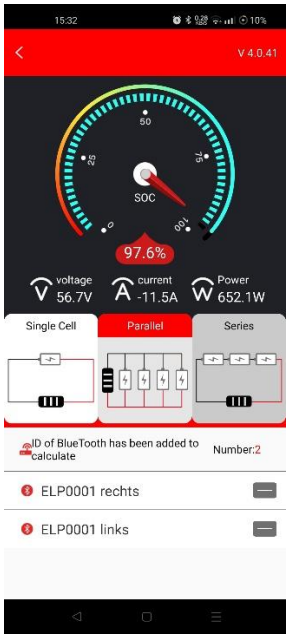
12) Place the starter cord with a loop at the top of the shoulder strap.

13) Put on the harness, stand up straight, and attach the starter cord to the ribbon hanging at the front of the battery. This cord prevents pendulum motion during the forward start. Ensure that the cord is under light tension. The batteries should be able to pendulum no more than 15 cm downward. This starter cord can be detached once you are in the air. For landing and backwards start, this starter cord is not needed.

14) Connect the glider. Turn on the 2 batteries. Everything is ready to start.

During flight, the battery percentage can be monitored using the Smart BMS app. Currently, we are still working on a custom app that will allow battery data to be tracked alongside GPS data.

To set up the Smart BMS app, you need to click on the parallel table and then add the 2 batteries below, L and R.



-Do not start the motor before the wing is properly controlled above you. If in doubt, abort the start and try again. Failing to do this may result in significant damage.

-Never start near people and never fly close to people or obstacles. The propeller spins freely and can therefore be dangerous.

-Always try to gradually increase the throttle during the start. This will make the launch more stable and comfortable.

-If you start the motor and it shuts off after 20 seconds, it means you forgot to turn on one of the two batteries. This indicates that the BMS has gone into overcurrent protection. To resolve this, you can turn on the second battery. This will directly restore power for level flight. After this turn off the first battery that went into overcurrent protection, wait for 5 seconds, and then turn it back on. You should now be able to provide full powerd flight again. This can also be checked in the app. (With proper checking this should not happen.)

Storage

The bag has Kevlar protection on the inside and foam padding to ensure the safest possible transport.

1) Place the two batteries in the storage bag and secure them with the elastic Velcro.
2) Place the regulator in the middle separate pocket (between the two batteries).
3) Add the attachments inside and close the pocket.
4) Place the motor in the remaining space and secure it with the elastic Velcro.
5) Place the aluminum frame on the left and right of it.
6) Place the carbon bars and the start sled in the envelope and place it in the front side of the bag.
7) Close the bag securely.