

Quick Guide



Danger!
Electric High Voltage!

General Use

This tethered drone power supply base station is a long-endurance power supply platform specially developed for multi-rotor drones.

This compact and sturdy solution can transmit power from the ground to the drone through an ultra-light cable, and ensure that the drone is stably connected to the base station, providing a safe and stable flight.

Operation Warnings

1. This device cannot be used in rainy days, otherwise the cable will conduct electricity and may be damaged.
2. The base station must be placed on an open flat ground, and keep a distance of 10m from the drone.
3. The take-up speed is controlled by the gear. When retracting the cable, the cable must be kept at a proper tension.
4. When the power is turned on, it is strictly forbidden to touch the cable directly.
5. It is strictly forbidden to touch the cable directly when the cable is being retracted and unwinded.
6. It is strictly forbidden to block the air outlet. When the weather is hot, the observation window can be opened to dissipate heat.
7. UAVs should be equipped with batteries for flight to prevent power failure.
8. When the overheating warning sounds, please land the drone and shut down the system.
9. Don't change system components/software settings. Any unauthorized changes will be at your own risk.

Before Use

1. Open the base station cover. Connect the tether cable to the airborne power supply.
2. Connect the airborne power supply with the drone.
3. Hook up the drone with the tether cable lock.
4. Connect the battery to airborne power supply.
5. Adjust the Winch Control to '0' position.

Taking Off

1. Turn on the Main On/Off on the base station, the screen will automatically turn on.
2. Turn on the tether power by 3s long-pressing the Tether Power button. The system will automatically be ready in few seconds. Green light will be on.
3. Take off the drone manually and slowly and it will automatically pull out the cable.
4. When the cable reaches the limit length, the alarm will be triggered (press the Tether Power button to cancel the alarm). Do not fly higher.

Landing

1. Adjust the Winch Control to 2~5 gear and retract the cable. Lower the drone accordingly.
2. Turn the Winch Control to '0' when the drone is close to ground. Land the drone to the ground.
3. Turn off the Tether Power by long pressing by 3s on the base station. Green light will be off.
4. Disconnect the airborne power supply from the drone. Disconnect the cable from the airborne power supply and get the cable abck into the base station.
6. Turn off the Main On/Off.

Alarm

1. Read the alarm content on the display sreen.
2. Short press the Tether Power button to cancel the alarm.