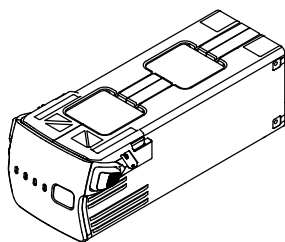




- Make sure the motors are mounted securely and rotating smoothly. Land the aircraft immediately if a motor is stuck and unable to rotate freely.
- DO NOT attempt to modify the structure of the motors.
- DO NOT touch or let hands or body parts come in contact with the motors after flight as they may be hot.
- DO NOT block any of the ventilation holes on the motors or the body of the aircraft.
- Make sure the ESCs sound normal when powered on.


## Intelligent Flight Battery



### Battery Features

1. **Battery Level Display:** the battery level LEDs display the current battery level.
2. **Auto-Discharging:** to prevent swelling, the battery automatically discharges to 96% battery level when idle for three days and automatically discharges to 60% battery level when idle for nine days (the default is nine days, but it can be set to 4-9 days in the app). It is normal to feel moderate heat being emitted from the battery during the discharging process.
3. **Balanced Charging:** during charging, the voltages of the battery cells are automatically balanced.
4. **Overcharge Protection:** the battery stops charging automatically once fully charged.
5. **Temperature Detection:** to prevent damage, the battery only charges when the temperature is between 5° and 40° C (41° and 104° F).
6. **Overcurrent Protection:** the battery stops charging if an excess current is detected.
7. **Over-Discharge Protection:** discharging stops automatically to prevent excess discharge when the battery is not in use. Over-discharge protection is not enabled when the battery is in use.
8. **Short Circuit Protection:** the power supply is automatically cut if a short circuit is detected.
9. **Battery Cell Damage Protection:** the app will display a warning prompt when a damaged battery cell is detected.

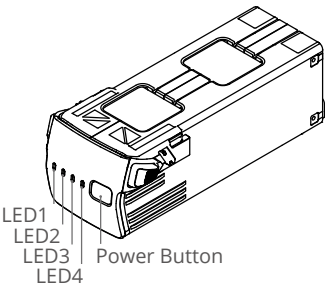
- 10. Hibernation Mode: the battery switches off after 20 minutes of inactivity to save power. If the battery level is less than 5%, the battery enters Hibernation mode to prevent over-discharge after being idle for six hours. In Hibernation mode, the battery level indicators do not illuminate. Charge the battery to wake it from hibernation.
- 11. Communication: information about the voltage, capacity, and current of the battery is transmitted to the aircraft.


 Refer to the Safety Guidelines and the stickers on the battery before use. Users shall take full responsibility for all operations and usage.


Using the Battery





Checking the Battery Level

Press the power button once to check the battery level.



 The battery level LEDs display the power level of the battery during charging and discharging. The statuses of the LEDs are defined below:

☐ LED is on.       LED is blinking.      ☐ LED is off.

LED1	LED2	LED3	LED4	Battery Level
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	89%-100%
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		76%-88%
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	64%-75%
<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	51%-63%
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	39%-50%
<input type="radio"/>		<input type="radio"/>	<input type="radio"/>	26%-38%
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	14%-25%
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1%-13%

Powering On/Off

Press the power button once, then press again, and hold for two seconds to power the battery on or off. The battery level LEDs display the battery level when the aircraft is powered on.

## Low-Temperature Notice

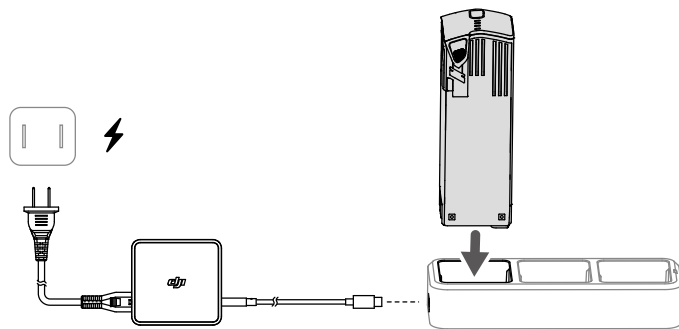
1. Battery capacity is significantly reduced when flying at low temperatures from -10° to 5° C (14° to 41° F). It is recommended to hover the aircraft in place for a while to heat the battery. Make sure to charge the battery fully before takeoff.
2. Batteries cannot be used in extremely low-temperature environments of lower than -10° C (14° F).
3. When in low-temperature environments, end the flight as soon as DJI Pilot 2 displays the low battery level warning.
4. To ensure optimal performance, keep the battery temperature above 20° C (68° F).
5. The reduced battery capacity in low-temperature environments reduces the wind speed resistance performance of the aircraft. Fly with caution.
6. Fly with extra caution at high altitudes.

## Charging the Battery

Fully charge the battery before each use. Only use a DJI-approved charging device to charge the Intelligent Flight Battery.

### Using the Charging Hub

DJI Mavic 3 Battery Charging Hub (100W) is designed for use with Mavic 3 Intelligent Flight Batteries. When used with the DJI USB-C Power Adapter (100W), it can charge up to three Intelligent Flight Batteries in sequence from high to low power levels. The charging time for one battery is approximately 1 hour and 10 minutes.




### How to Charge

1. Insert the Intelligent Flight Battery into the battery port. Connect the charging hub to a power outlet (100-240 V, 50-60 Hz) using the DJI USB-C Power Adapter (100W).
2. The Intelligent Flight Battery with the highest power level will be charged first, and then the rest will be charged in sequence according to their power levels. Refer to the Status LED Indicator Descriptions for more information about the blinking patterns of the status LED indicator.

3. The Intelligent Flight Battery can be disconnected from the charging hub when charging is complete.

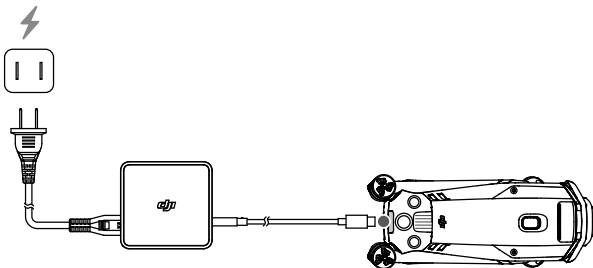
Status LED Indicator Descriptions



Blinking Pattern	Description
Solid yellow	No battery is inserted
Pulses green	Charging
Solid green	All batteries fully charged
Blinks yellow	Temperature of batteries too low or too high (no further operation needed)
Solid red	Power supply or battery error (remove and reinsert the batteries or unplug and plug in the charger)

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- It is recommended to use a DJI USB-C Power Adapter (100W) when using the Mavic 3 Battery Charging Hub.
  - Place the charging hub on a flat and stable surface when in use. Make sure the device is properly insulated to prevent fire hazards.
  - DO NOT attempt to touch the metal terminals on the battery case.
  - Clean the metal terminals with a clean, dry cloth if there is any noticeable buildup.

Using DJI USB-C Power Adapter (100W)

















1. Connect the charger to an AC power supply (100-240V, 50/60 Hz; use a power adapter if necessary).
2. Connect the aircraft to the charger with the battery powered off.
3. The battery level LEDs display the current battery level during charging.
4. The Intelligent Flight Battery is fully charged when all the battery level LEDs are off. Detach the charger when the battery is fully charged.



- 
  - DO NOT charge an Intelligent Flight Battery immediately after flight as it may be too hot. Wait for the battery to cool down to the operating temperature before charging again.
  - The charger stops charging the battery if the battery cell temperature is not within the operating range of 5° to 40° C (41° to 104° F). The ideal charging temperature is from 22° to 28° C (71.6° to 82.4° F).
  - Fully charge the battery at least once every three months to maintain battery health.
  - DJI does not take any responsibility for damage caused by third-party chargers.
- 

























For safety purposes, keep the batteries at a low power level in transit. This can be done by flying the aircraft outdoors until there is less than 30% charge left.

The table below shows the battery level during charging.

LED1	LED2	LED3	LED4	Battery Level
				1%-50%
				51%-75%
				76%-99%
				100%

Battery Protection Mechanisms

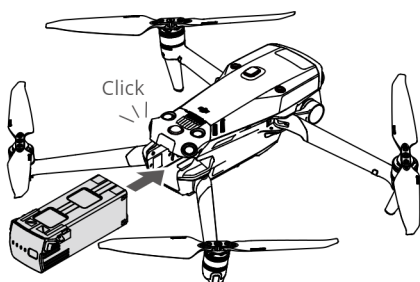
The battery level LEDs can display battery protection notifications triggered by abnormal charging conditions.

Battery Protection Mechanisms					
LED1	LED2	LED3	LED4	Blinking Pattern	Status
				LED2 blinks twice per second	Overcurrent detected
				LED2 blinks three times per second	Short circuit detected
				LED3 blinks twice per second	Overcharge detected
				LED3 blinks three times per second	Over-voltage charger detected
				LED4 blinks twice per second	Charging temperature is too low
				LED4 blinks three times per second	Charging temperature is too high

If any of the battery protection mechanisms are activated, unplug the charger, and plug it in again to resume charging. If the charging temperature is abnormal, wait for it to return to normal. The battery will automatically resume charging without the need to unplug and plug the charger again.

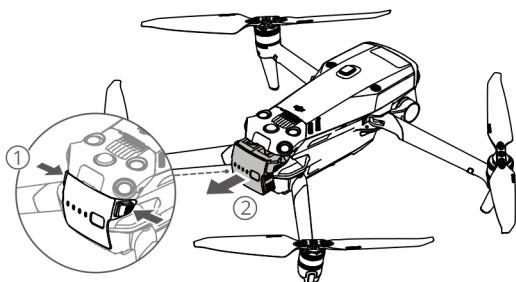
## Inserting the Intelligent Flight Battery

Insert the Intelligent Flight Battery into the battery compartment of the aircraft. Make sure it is mounted securely and that the battery buckles are clicked into place.



## Removing the Intelligent Flight Battery

Press the textured part of the battery buckles on the sides of the battery to remove it from the compartment.



- DO NOT insert or remove the battery while the aircraft is powered on.
- Make sure the battery is mounted securely.