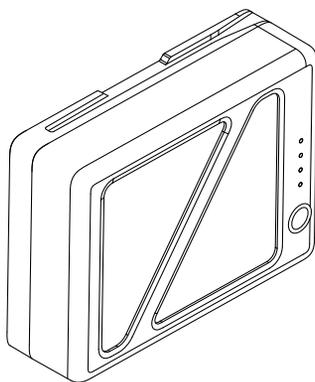


# INSPIRE 2

INTELLIGENT FLIGHT BATTERY SAFETY GUIDELINES

智能飞行电池安全使用指引

V1.0 2017.01



## Glossary

The following terms are used throughout the product literature to indicate various levels of potential harm when operating this product.

**NOTICE** NOTICE: Procedures, which if not properly followed, create a possibility of physical property damage AND a little or no possibility of injury.

**CAUTION** CAUTION: Procedures, which if not properly followed, create the probability of physical property damage AND a possibility of serious injury.

**WARNING** WARNING: Procedures, which if not properly followed, create the probability of property damage, collateral damage, and serious injury OR create a high probability of superficial injury.



### WARNING

Read the ENTIRE user manual to become familiar with the

features of this product before operating it. Failure to operate the product correctly can result in damage to the product, or personal property, and may cause serious injury. It must be operated with caution and common sense and requires some basic mechanical knowledge and ability. Failure to operate this product in a safe and responsible manner could result in injury, or damage to the product, or other property. This product is not intended for use by children without direct adult supervision. DO NOT use this product with incompatible components, or alter this product in any way outside of the documents provided by SZ DJI TECHNOLOGY CO., LTD. These Safety Guidelines contain instructions for safety, operation and maintenance. It is essential to read and follow all of the instructions and warnings in the Inspire 2 user manual prior to assembly, setup or use, in order to operate the product correctly and safely, avoiding damage or serious injury.

## Intelligent Flight Battery Safety Guidelines

### WARNING

To avoid fire, serious injury, and property damage, observe the following safety guidelines when using, charging, or storing your Inspire 2 Intelligent Flight Battery.

#### Battery Use

- DO NOT allow the battery to come into contact with any kind of liquid. DO NOT leave the battery out in the rain, or in damp or wet humid environments. If the inside of the battery comes into contact with water, chemical decomposition may occur, possibly resulting in the battery catching fire, or even exploding.
- Never use non-DJI batteries. Go to [www.dji.com](http://www.dji.com) to purchase new batteries. DJI is not responsible or liable, directly or indirectly, for damages to equipment caused by the use of non-DJI batteries.
- Never use or charge swollen, leaky, or damaged batteries. If your battery is abnormal, contact DJI or a DJI authorized dealer immediately for further assistance.
- Never install or remove the battery from the aircraft when it is switched on. DO NOT insert or remove a battery if the plastic cover has been torn or compromised in some way.
- Ideally, the battery should be used in temperatures ranging from -4°F (-20°C) to 104°F (40°C). Battery usage in environments above 122°F (50°C) can lead to a fire or an explosion. Battery usage in temperatures below -4°F (-20°C) can lead to permanent damage.
- DO NOT use the battery in strong electrostatic or electromagnetic environments. Otherwise, the battery control board may malfunction and cause a serious accident during flight.
- Never disassemble or pierce the battery in any way, or the battery could leak, catch fire, or explode.
- Electrolytes in the battery are highly corrosive. If any electrolytes make contact with your eyes or skin, immediately wash the affected area with clean running water for at least 15 minutes. See a doctor immediately.
- DO NOT use the battery again if it was involved in a crash of any kind or heavy impact.

- If the battery falls into water with the aircraft during flight, take it out immediately and place it in a safe and open area. DO NOT use the battery again. Dispose of the battery properly as described in the Battery Disposal section below. DO NOT heat the battery. Put out any battery fire using sand or a dry powder fire extinguisher.
- DO NOT place the battery in a microwave oven or in a pressurized container.
- DO NOT place loose battery cells on any conductive surface, such as a metal table.
- DO NOT put the loose cells in a pocket, bag or drawer, where they may short-circuit against other items, or where the battery terminals could be pressed against each other.
- DO NOT drop or strike the battery. Do NOT place heavy objects on the battery or charger.
- Always clean the battery terminals with a clean, dry cloth. This will avoid the risk of connection failure.

#### Charging the Intelligent Flight Battery

- Never attach the batteries to wall sockets or car charger outlets directly. Always use a DJI approved adapter. DJI is not responsible or liable, directly or indirectly, for damages caused if the battery has been charged using a non-DJI charger.
- DO NOT charge the battery near flammable materials, objects or on flammable surfaces such as carpet or wood. Never leave the battery unattended during charging.
- DO NOT charge the battery immediately after flight; battery temperature may be too high. Instead, allow the battery to cool down close to room temperature before charging again. Charging the battery outside of the temperature range of 41°F (5°C) to 104°F (40°C) may lead to leakage, overheating, or battery damage.
- Disconnect the charger when not in use. Examine the charger regularly for damage to the cord, plug, enclosure, or other parts. DO NOT clean the charger with denatured alcohol or other flammable solvents. Never use a damaged charger.
- To extend flight times, over-discharging protection is disabled when the batteries are discharging during a very long flight. In this instance, a battery voltage below 2V may cause a safety hazard such as a fire when charged. To prevent this, the battery will not be able to charge if the voltage of a single battery cell is below 2V. Avoid using any batteries matching this description. Always be alert to avoid serious over-discharging to prevent permanent battery damage.

#### Battery Storage

- Keep the battery out of reach of children and pets. DO NOT leave the battery near heat sources such as furnaces or heaters.
- DO NOT leave the battery inside a vehicle on hot days. The ideal storage temperature is 72°F (22°C) to 82°F (28°C).
- Always keep the battery dry. Never drop the battery into water.
- DO NOT drop, strike, impale, or manually short-circuit the battery.
- Keep the battery away from metal objects such as glasses, watches, jewelry, and hairpins.
- Never attempt to travel with or transport a damaged battery or a battery with a power level higher than 30% or lower than 20%.

#### Battery Disposal

Dispose of the battery in specific recycling boxes in your local area and only after a complete discharge. DO NOT place the battery in regular trash containers or bins. Strictly follow your local area regulations and guidelines regarding the disposal and recycling of batteries.

#### Battery Maintenance

- Never use the battery when the temperature is too high or too low.
- Never store the battery in environments with a temperature higher than 140°F (60°C).

#### Travel Notice

- When carrying the Intelligent Flight Battery on board an airplane, its power level should be lower than 30%.
- Always discharge the battery in a fireproof location.

## Heating

When the surrounding temperature is low (i.e. lower than 50°F), press and hold the power button for three seconds to initiate the Intelligent Flight Battery to warm up. The temperature of the battery will increase gradually until it reaches 59°F (15°C). The ideal battery temperature is between 59°F (15°C) to 68°F (20°C), lasting for approximately 20 minutes. Press and hold the power button for three seconds to stop heating.

### NOTICE

#### Battery Use

1. Make sure the battery is fully charged before each flight.
2. Land the aircraft immediately when the low battery level warning activates in the DJI GO 4 app.

#### Charging the Intelligent Flight Battery

1. The Intelligent Flight Battery is designed to stop charging when it is full. However, it is good practice to monitor the charging progress and disconnect the battery when fully charged.
2. Pairing batteries is recommended. This can be done inside DJI GO 4 app. Ensure each battery pair is charged and discharged simultaneously to prolong their service life and for a better flight experience.

#### Battery Maintenance

1. Never over-discharge. This may lead to permanent battery cell damage.
2. Battery life may be reduced if not used for an extended period of time.
3. Fully charge and discharge the battery at least once every three months to maintain battery health.

#### Battery Storage

1. Discharge the battery to 40%-65% if NOT intended to be used for 10 days or more. This can greatly extend the battery's overall life span. The battery automatically discharges to below 65% when it is idle for more than 10 days to prevent swelling. It takes approximately three days to discharge the battery to 65%. It is normal that you may feel moderate heat emitting from the battery during the discharge process. You can set the discharging thresholds in the DJI GO 4 app.
2. DO NOT store the battery for a long period of time with its power fully discharged. It may lead to irreversible damage.
3. The battery will enter hibernation mode if depleted and stored for an extended period of time. You cannot manually turn off the battery power LED in this state. Leave the battery unattended for five minutes, and then the light will turn off. Recharge the battery to bring it out of hibernation.
4. Remove the battery from the aircraft when planning to store it for an extended period of time.

#### Battery Disposal

1. If the Intelligent Flight Battery is disabled and the battery cannot be fully discharged, please contact a professional battery disposal or recycling agent for further assistance.
2. Dispose of the battery immediately if it cannot be powered on after over-discharging.

#### Travel Notice

Always store Intelligent Flight Batteries in a well-ventilated place.

This content is subject to change.

Download the latest version from <http://www.dji.com/inspire-2>

If you have any questions about this document, please contact DJI by sending a message to [DocSupport@dji.com](mailto:DocSupport@dji.com).

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## 词汇表

本产品使用以下词条对因操作不当可能带来的潜在危险分级加以说明。

**注意** 注意：如果不遵循说明进行操作，可能会导致财产损失和轻微伤害。

**小心** 小心：如果不遵循说明进行操作，可能会导致财产损失和较严重伤害。

**警告** 警告：如果不遵循说明进行操作，可能会导致财产损失、重大事故和严重伤害。



### 警告

通过阅读整个用户手册，熟悉产品的功能之后再进行操作。如果没有正确操作本产品可能会对

对自身或他人造成严重伤害，或者导致产品损坏和财产损失。本产品较为复杂，需要经过一段时间熟悉后才能安全使用，并且需要具备一些基本常识后才能进行操作。如果没有强烈的安全意识，不恰当的操作可能会导致产品损坏和财产损失，甚至对自身或他人造成严重伤害。本产品不适合儿童使用。切勿使用非 DJI 提供或建议的部件，必须严格遵守 DJI 的指引安装和使用产品。本指引文档包含安全、操作和维护等说明。在进行组装、设置和使用之前务必仔细阅读用户手册中的所有说明和警告。

## 智能飞行电池安全使用指引

### 警告

不正确地使用，充电或存储电池可能会导致火灾或物权和人身伤害。务必参照如下安全指引使用电池。

#### 使用

1. 严禁使电池接触任何液体，请勿将电池浸入水中或将其弄湿。切勿在雨中或者潮湿的环境中使用电池。电池内部接触到水后可能会发生分解反应，引发电池自燃，甚至可能引发爆炸。
2. 严禁使用非 DJI 官方提供的电池。如需更换，请到 DJI 官网查询相关购买信息。因使用非 DJI 官方提供的电池而引发的电池事故、飞行故障，DJI 概不负责。
3. 严禁使用鼓包的、漏液的、包装破损的电池。如有以上情况发生，请联系 DJI 或者其指定代理商做进一步处理。
4. 在将电池安装或者拔出于飞行器之前，请保持电池的电源关闭。请勿在电池电源打开的状态下拔出电池，否则可能损坏电源接口。
5. 电池应在环境温度为 -20°C 至 40°C 之间使用。温度过高（高于 50°C），会引起电池着火，甚至爆炸。温度过低（低于 -20°C），电池寿命将会受到严重损害。
6. 禁止在强静电或者磁场环境中使用电池。否则，电池保护板将会失灵，从而导致飞行器发生严重故障。
7. 禁止以任何方式拆解或用尖利物体刺破电池。否则，将会引起电池着火甚至爆炸。
8. 电池内部液体有强腐蚀性，如有泄露，请远离。如果内部液体溅射到人体皮肤或者眼睛，请立即用清水冲洗至少 15 分钟，并立即就医。
9. 电池如从飞行器掉落或受外力撞击，不得再次使用。
10. 如果电池在飞行器飞行过程中或其它情况下意外坠入水中，请立即拔出电池并将其置于安全的开阔区域，这时应远离电池直至电池完全晾干。晾干的电池不得再次使用，应该按照本文的废弃方法妥善处理。若电池发生起火，请使用沙或是干粉灭火器等固体类灭火器。
11. 请勿将电池放置于微波炉或压力锅中。
12. 请勿将电池电芯放置于导体表面上。
13. 禁止用导线或其它金属物体致使电池正负极短路。
14. 请勿撞击电池。请勿在电池或充电器及充电管上放置重物。

15. 如果电池接口有污物，使用干布擦干净。否则会造成接触不良，从而引起能量损耗或无法充电。

## 充电

1. 智能飞行电池必须使用 DJI 官方提供的专用充电器及充电管家或车载充电器进行充电。对于使用非 DJI 官方提供的充电器及充电管家进行充电所造成的一切后果，DJI 将不予负责。
2. 充电时将电池和充电器及充电管家放置在水泥地面等周围无易燃、可燃物的地面。请留意充电过程，以防发生意外。
3. 禁止在飞行器飞行结束后，立刻对电池进行充电。此时，电池处于高温状态，强制充电会对电池寿命造成严重损害。建议待电池降至室温，再进行充电。理想的充电环境温度（5℃ - 40℃）可大幅度延长电池的使用寿命。
4. 充电完毕后请断开充电器及充电管家与电池间的连接。定时检查并保养充电器及充电管家，经常检查电池外观等各个部件。切勿使用酒精或者其他可燃剂清洁充电器及充电管家。切勿使用已有损坏的充电器及充电管家。
5. 当电池处于飞行放电状态时，为了尽可能的争取飞行时间，以让操作者有更多时间降落，电池会关闭过放电保护以让电池持续输出。一旦出现这种情况，很可能会因为严重过放，导致电芯电压低于 2V。严重过放的电池再次充电有极大的起火安全隐患，因此，单个电芯电压低于 2V 时，电池将被锁死，禁止再次充电。该电池无法继续使用。因此请用千万户注意，切勿故意将电池严重过放，否则将承担电池损坏的风险。

## 存储和运输

1. 请将电池存放在儿童接触不到的地方。如果儿童不小心吞咽零部件，应立即寻求医疗救助。
2. 禁止将电池放在靠近热源的地方，比如阳光直射或热天的车内、火源或加热器。电池理想的保存温度为 22℃ - 28℃。
3. 存放电池的环境应保持干燥。请勿将电池置于水中或者可能会漏水的地方。
4. 禁止机械撞击、碾压、刺穿电池，禁止将电池跌落或人为短路。
5. 禁止将电池与眼镜、手表、金属项链、发夹或者其他金属物体一起贮存或运输。
6. 切勿运输有破损的电池。一旦需要运输电池，务必将电池放电至 20% - 30% 电量左右。

## 废弃

1. 务必将电池彻底放完后，再将电池置于指定的电池回收箱中。电池是危险化学品，严禁废弃于普通垃圾箱。相关细节，请遵循当地电池回收和弃置的法律法规。

## 保养

1. 切勿在温度过高或温度过低的环境下使用充电器及充电管家。
2. 切勿将电池存储在室温超过 60℃ 的环境下。

## 登机注意事项

1. 在将电池带上飞机前，请务必将电池放电至 30% 电量以下。请务必远离火源。

## 加热

1. 在低温环境下（小于 10℃），长按电量开关 3 秒可启动智能飞行电池加热功能，最终电池温度维持在 15℃ - 20℃。电池保温时间约为 20 分钟。在加热过程中长按电量开关 3 秒可退出电池加热功能。

## 注意

### 使用

1. 每次飞行之前，确保电池充满电。
2. 若飞行器进入低电量报警模式，应尽快降落并停止飞行，更换新电池或者对电池进行充电。

### 充电

1. 智能飞行电池在充满时将自动停止充电。建议电池充满之后断开与充电器及充电管家的连接。
2. 推荐两块电池保持同时充 / 放电使用，以获得最佳供电性能。推荐使用 DJI GO 4 app 配对功能，并对配对电池进行标记。

### 保养

1. 切勿过充电池，否则将对电芯造成损害。
2. 若长期闲置电池，将会对其性能造成影响。
3. 每隔 3 个月左右重新充放电一次以保持电池活性。

### 储存和运输

1. 超过 10 天不使用电池，请将电池放电至 40% - 65% 电量存放，可延长电池的使用寿命。如需将满电的电池放电，可以通过 DJI GO 4 App 开启电池存储自放电模式（由满电放电至 65% 约需 3 天时间，放电过程电池温度可能会升高，这属正常现象）。建议将电池存放在专用电池箱内。
2. 切勿将电池彻底放完后长时间存储，以避免电池进入过放状态，造成电芯损坏，将无法恢复使用。
3. 若电池电量严重不足且闲置时间过长，则电池将进入深度睡眠模式，若需要将电池从深度睡眠中唤醒，需对电池充电。
4. 若需要长期存放则需将电池从飞行器内取出。

### 废弃

1. 如电池失效，请勿将电池直接弃置于电池回收箱，应联系专业电池回收公司做进一步的处理。
2. 过放后电池无法启动，请按废弃处理。

### 旅行运输注意事项

1. 务必在通风干燥处存放智能飞行电池。

内容如有更新，恕不另行通知。

您可以在 DJI 官方网站查询最新版本  
<http://www.dji.com/inspire-2>

如果您对说明书有任何疑问或建议，请通过以下电子邮箱联系我们：[DocSupport@dji.com](mailto:DocSupport@dji.com)。

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