

INTELLIGENT FLIGHT BATTERY

Safety Guidelines

智能飞行电池

安全使用指引

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English

Battery Use

- **Never use non-DJI batteries.** Go to www.DJI.com to purchase new batteries. DJI takes no responsibility for any accidents caused by non-DJI batteries.
- Never use or charge swollen, leaky or damaged batteries. If your batteries are abnormal, contact DJI or its designated dealers for further assistance.
- **Never install or remove the battery from the aircraft when it is turned on.** Do not insert or remove batteries if the plastic cover had been torn or compromised in any way.
- The battery should be used in temperatures from -10°C to 40°C. Use of the battery in environments above 50°C can lead to a fire or explosion. Use of battery below -10°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 a serious accident may happen during flight.
- Never disassemble or pierce the battery in any way, or the battery may catch fire or explode.
- Electrolytes in the battery are highly corrosive. If any electrolytes make contact with your skin or eyes, immediately wash the affected area with fresh running water for at least 15 minutes, and then see a doctor immediately.
- **DO NOT** use the battery if it was involved in a crash or heavy impact.
- Land the aircraft immediately when the low battery level warning activates in the DJI GO app.
- **Do not allow the batteries to come into contact with any kind of liquid.** Do not leave batteries out in the rain or near a source of moisture. Do not drop the battery into water. If the inside of the battery comes into contact with water, chemical decomposition may occur, potentially resulting the battery catching on fire, and may even lead to an explosion. If the battery falls into water with the aircraft during flight, take it out immediately and put it in a safe and open area. Maintain a far distance from the battery until it is completely dry. **Never use the battery again, and dispose of the battery properly as described in Battery Disposal below.**
- Do not heat batteries. Put out any battery fire using sand or a dry powder fire extinguisher. Never use water to put out a battery fire.
- Do not charge the Intelligent Flight Battery and

remote controller at the same time, otherwise the charger may overheat.

- Do not leave batteries in a microwave oven or in a pressurized container.
- Do not place loose battery cells on any conductive surface, such as metal-topped table.
- Do not put the loose cells in pocket, bag or drawer where they may short-circuit against other items or where battery terminals could be pressed against each other.
- Do not drop or strike batteries. Do not place heavy objects on batteries or charger. Avoid dropping batteries.
- Clean battery terminals with a dry and clean cloth.

Charging the Battery

- If the battery falls into water with the aircraft during flight, take it out immediately and put it in a safe and open area. Maintain a safe distance from the battery until it is completely dry. Never use the battery again, and dispose of the battery properly as described in the Battery Disposal section below. Do NOT heat batteries. Put out any battery fire using sand or a dry powder fire extinguisher.
- Charge and discharge the battery completely once every 10 to 15 charge/discharge cycles. Discharge the battery until there is 0% of power or until it can no longer be turned on, then recharge it to the maximum capacity. This power cycling procedure will optimize the battery life.
- DJI intelligent battery is designed to stop charging when it is full. However it is good practice to monitor charging progress and disconnect the batteries when fully charged.
- Disconnect charger when not in use. Examine 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.

Battery Storage and Transportation

- Keep batteries out of the reach of children and pets.
- Do not leave the battery near heat sources such as a furnace or heater. Do not leave the batteries inside of the vehicle on hot days. The ideal storage temperature is 22°C-28°C.
- 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 necklaces and hairpins.

- Discharge the battery to 30%-50% of the battery level if it will not be used for 7 days or more. This can greatly extend the battery life.
- Battery discharges automatically to around 40% to 65% when it is idle for more than 10 days to prevent the battery from swelling. It takes around 2 days to discharge the battery to 65%. It is normal that you may feel moderate heat emits from the battery during the discharge process. Set the discharging thresholds in the DJI GO app.
- The battery will enter hibernation mode if depleted and stored for a long period. Leave the battery unattended for 5 minutes, and then it will power off. Recharge the battery to bring it out of hibernation.
- Remove batteries from the aircraft when stored for an extended period.
- Never transport a damaged battery or a battery with power level higher than 50%.

Battery Disposal

- Dispose of the battery into specific recycling boxes only after a complete discharge. Do not place the battery into regular rubbish bins. Strictly follow your local disposal and recycling regulations of batteries.
- If the power on/off button of the Intelligent Flight Battery is disabled and the battery cannot be fully discharged, please contact a professional battery disposal/recycling agent for further assistance.

Maintaining a Healthy Battery Life

- Never over-discharge, as this may lead to battery cell damage.
- Never use the battery when the temperature is too high or too low.
- Never store the battery in environments with a temperature higher than 60°C.
- Battery life may be reduced if not used for a long time.

Notice

- Before carrying the Intelligent Flight Battery on a airline flight, it must first be fully discharged. This can be done by using it in your Inspire 1 or by connecting your remote controller to the battery using the Remote Controller Charging Cable. Only discharge the battery in a fireproof location.
- Store Intelligent Flight Batteries in a ventilated location.

- Should you require to carry the battery onto the plane, it is recommend to discharge the battery below 5% in order to ensure the safety of the battery.
- Never transport a damaged battery or a battery with power level higher than 50%.

中文

使用

- 严禁使用非 DJI 官方提供的电池。如需更换，请到 DJI 官网查询。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。
- 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，拔插电池，否则可能损坏电源接口。
- 电池应在环境温度为 -10°C 至 40°C 之间使用。温度过高，会引起电池着火，甚至爆炸。温度过低，电池寿命会受到严重损害。
- 禁止在强静电或者磁场环境中使用电池。否则，电池保护板会失灵，导致飞行器发生严重故障。
- 禁止以任何方式拆解或用尖利物体刺破电池。否则，会引起电池着火甚至爆炸。
- 电池内部液体有强腐蚀性。如有泄露，请远离。如有溅射到人体皮肤或者眼睛里，请立即用清水冲洗至少 15 分钟，并立即就医。
- 电池如从飞行器掉落或受外力撞击，不得再次使用。
- 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。
- 请勿将电池浸入水中或将其弄湿。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。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。
- 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，使用固体类灭火器，推荐按以下顺序使用灭火器材：水或水雾沙灭火毯、干粉、二氧化碳灭火器。
- 电池若出现膨胀、破损等情况，请勿继续使用，否则会有起火、爆炸等危险。如果出现此情况应做废弃处理。
- 请勿将电池直接连接到墙上插座或车载点烟式插座上。
- 禁止将电池投入火中或放在高温环境下。
- 禁止用导线或其它金属物体致使电池正负极短路。
- 如果电池发出异味、发热、变形、变色或出现

其它任何异常现象，不得使用；如果电池正在使用或充电，应立即从用电器或充电器上取出并做废弃处理。

- 如果电池的端子变脏，使用前用干布擦干净。否则电池会接触不良，从而引起能量损耗或无法充电。

充电

- 首次使用智能电池前，请务必将智能电池电量充满。
- 电池必须使用 DJI 官方提供的专用充电器进行充电。对于使用非 DJI 官方提供的充电器进行充电所造成的一切后果，DJI 将不予负责。
- 请留意充电过程以防发生意外。充电时请将电池和充电器放置在水泥地面等周围无易燃、可燃物的地面。
- 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，再对电池进行充电。理想的充电环境（0-40℃）可大幅度延长电池的使用寿命。
- 电池每经过约 10-15 次充放电后，需要进行一次完整的放电和充电过程（将电池充满电，然后放电至电量为 0% 或电池自动关闭，再充满电）以保证电池工作在最佳状态，否则电池电量显示不准确。
- 请留意充电过程以防发生意外。充电时请确保周围没有易燃、可燃物。

存储与运输

- 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、火源或加热炉。电池的理想保存温度为 22℃ - 28℃。
- 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。
- 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电池，应立即寻求医疗救助。
- 禁止机械撞击电池、碾压、坠落、人为短路、刺穿电池。
- 禁止将电池与金属项链、发夹或者其他金属物体一起贮存或运输。
- 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 App 开

启电池存储自放电模式（由满电放电至 65% 约需 2 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。

- 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。
- 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，需对电池充电以启动唤醒程序。
- 严禁运输破损电池。在运输电池前，务必确保电池电量在 50% 以下。

废弃

- 务必将电池彻底放完后，才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。
- 如电池因为电源开关失灵而无法完成彻底放电，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。
- 当电池寿命为 0% 时，建议更换电池。对于报废电池，请先将电池放电至电量为 0 再进行废弃处理。

电芯寿命的主要影响因素

- 使用时过放会导致电芯损坏。
- 使用时电芯温度过高（>70℃）或过低（<-10℃）。
- 长期不使用电池。
- 高温环境存储电池（>60℃）。

备注

- 如果需要将电池彻底放电，可使用遥控器户外充电线对遥控器充电的方式。操作时请将电池放在无可燃物的区域进行。
- 不使用的电池一定要妥善保管，不要随意放置。防止一些非主观因素导致的意外起火（如压在杂物下）。
- 电池是一种高危高能的化学品，为了您和他人的安全，带上飞机前一定要确保电池电量在 5% 以下，可杜绝起火的风险。
- 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 50% 电量以下。

The content is subject to change.

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