

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 a swollen, leaky or damaged battery. If so, 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 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 splash onto your skin or eyes, immediately wash the affected area with fresh running water for at least 15 minutes then see a doctor immediately.
- Check the condition of the battery if it falls out of the aircraft. Make sure the battery is **NOT damaged or leaking** before putting it back to the aircraft.
- Land the aircraft immediately when the low battery level warning activates in the DJI Pilot 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

- Do not attach the batteries to the wall or car charger sockets directly, **always use a DJI approved adapter.** DJI takes no responsibility if the battery is charged using a non-DJI charger. Never leave the battery unattended during charging. Do not charge the battery near flammable materials or on flammable surfaces such as carpet or wood. Do not charge battery immediately after flight, because the battery temperature may be too high. Do not charge the battery until it cools down to near room temperature. Charging battery outside of the temperature range of 0°C-40°C may lead to leakage, overheating, or battery damage.
- Charge and discharge the battery completely once every 20 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

- 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 below 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 Pilot app.
- The battery will enter hibernation mode if depleted and stored for a long period. When in hibernation mode, if you try to power on the battery, the battery power LED will show a solid red light and the battery level LEDs will all be off. You cannot manually turn off the battery power LED in this state. 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.

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.

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 to the range between 10% and 20% in order to ensure the safety of the battery.

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。
- 若电池从飞行器中摔落，再次使用前，务必确保电池外观无损，无破损、无漏液、无变形等问题。
- 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。
- 若电池发生起火，应立即采用“窒息灭火法”，如使用沙子或固体或干粉灭火器进行灭火。严禁用水来灭火。
- 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

- 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 20 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。

储存

- 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 7 天不使用电池，请将电池放电至 30%-50% 电量存放，可大大延长电池的使用寿命。
- 若长时间不使用电池，建议将电池充电至高于

65% 电量并开启存储自放电模式，存放在专用电池箱内。每隔 3 个月左右重新充电一次以保持电池活性。切勿将电池放完电长时间存储，以避免电池进入过放电状态，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。在该模式下，电源开关指示灯显示红色常亮，但电量指示灯熄灭，而且即使按下电源开关也无法关闭电池，此为正常现象。在该模式下静置电池 5 分钟后，所有指示灯将熄灭。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。

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，严禁废置于普通垃圾箱。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。

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，带上飞机或邮寄前一定要确保电池电量在 10% - 20% 之间，可杜绝起火的风险。

The content is subject to change.

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