

LKTOP

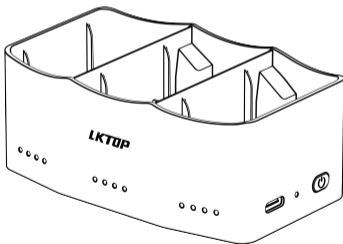
Flip并充充电管家

Flip Parallel Charging Hub

User Manual

用户手册

V1.0 2025.05



免责声明

感谢您购买LKTOP Flip并充充电管家(以下简称“充电管家”)。在使用充电管家之前,请仔细阅读本声明,一旦使用本产品,即被视为对本声明全部内容的认可和接受。请严格遵守本说明使用该产品,并务必重视注意事项。因用户充电管家使用不当而造成的直接或者间接损失与伤害,立可拓概不负责。

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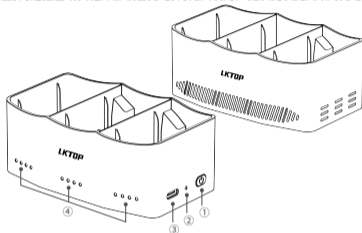
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注意事项

- 使用本产品之前,请仔细阅读并遵循本文及本产品相关的所有安全与合规操作指引。
- 请勿在阳光直射、雨淋或者潮湿环境中使用充电管家。
- 充电管家应远离热源、高压、水、可燃性气体、腐蚀剂等危险物品。
- 若遇火警,请正确使用干粉灭火器进行灭火,使用液体类灭火器可能会有触电危险。
- 保持充电管家内部干燥,切勿进入水、油等液体。
- 使用时请将充电管家平稳放置,并注意绝缘及防火。
- 充电时,请远离可燃物,切勿将充电管家或者电池置于地毯上充电。
- 请勿用手或其他物体触碰电池接口的金属端子。若金属端子附着异物,请在电源关闭状态用干布擦拭干净。

产品介绍

LKTOP Flip并充充电管家是一款集充电、存储、收纳、放电功能为一体的充电管家,可同时为三块智能飞行电池充电,支持LKTOP Power K1/K1S并兼容其他部分双向充电宝提升充电效率。配合智能飞行电池也可作为充电宝,为遥控器或其他外部设备充电,为无人机用户提供更快更高效的充电体验。



①功能键 ②模式指示灯 ③USB-C输入/输出接口 ④电池状态指示灯

功能: 操作步骤

电量显示: 短按功能键电池状态指示灯显示电池电量

60%模式: 充电过程中长按功能键2秒以上,电池状态指示灯前三格同时闪烁3次,模式指示灯显示黄色。

注:在60%模式下,电量充至60%左右充电管家自动停止充电;当电池初始电量 $\geq 60\%$ 时将不会进行充电。

95%模式: 充电过程中长按功能键2秒以上,到60%模式后,再短按一次,进入95%模式,电池状态指示灯4个LED灯同时闪烁3次,模式指示灯显示绿色。

注:开启95%模式后,电量充至95%充电管家自动停止充电。

100%模式: 充电过程中默认开启100%模式,模式指示灯默认不亮。

充电宝模式: 将电池插入充电管家短按再长按功能键2秒以上(DJI智能飞行电池开机方式)进入充电宝模式,模式指示灯显示绿色。

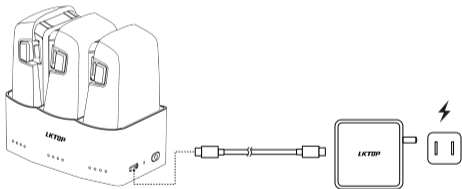
产品使用说明

·为智能飞行电池充电

本说明书以LKTOP Flip并充充电管家和LKTOP 100W氮化镓充电器为DJI Flip智能飞行电池进行充电示例。

室内充电

- 1.将Flip 智能飞行电池插入LKTOP Flip并充充电管家。
- 2.将充电器连接到交流电源(100-240V,50/60Hz), 充电管家USB-C输入/输出接口连接至充电器。
- 3.充电状态下电池状态指示灯将会循环闪烁,并指示当前电池电量。
- 4.当电池充满电后,电池状态指示灯会保持常亮,请及时关闭电源。



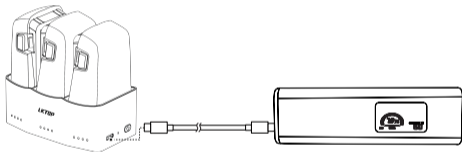
以LKTOP Flip 并充充电管家+LKTOP 100W氮化镓充电器为例

⚠ · LKTOP Flip并充充电管家会智能检测电池电量与输入功率,输入功率 $<45W$ 电池电量从高到低依次充电,输入功率 $\geq 45W$ 并充充电。以A电池(低电量)B电池(中等电量)C电池(高电量)为例,优先为A电池充电至与B电池电量相等,A、B电池同时充电至与C电池电量相等,A、B、C电池同时充电直至3块电池全部充满。

产品使用说明

户外充电

- 1.将Flip智能飞行电池插入LKTOP Flip并充充电管家。
- 2.将K1S充电宝连接到充电管家USB-C输入/输出接口。
- 3.充电状态下电池状态指示灯循环闪烁，并指示当前电池电量。
- 4.当电池充满电后，电池状态指示灯会保持常亮，请及时关闭电源。

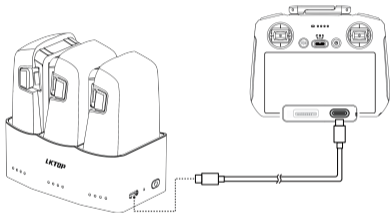


以LKTOP Flip 并充充电管家+LKTOP POWER K1S为例

产品使用说明

·将充电管家作为移动电源

- 1.将Flip智能飞行电池插入LKTOP Flip并充电管家。
- 2.连接外部设备(如遥控器)至充电管家USB-C输入/输出接口。
- 3.短按再长按2秒以上功能键(DJI智能飞行电池开机方式),模式指示灯显示绿色,开始放电。
- 4.等待设备充满电后,请及时拔出外部设备。



以LKTOP Flip并充电管家+ DJI RC 2遥控器为例

产品规格参数

| | |
|----------|--|
| 产品名称: | LKTOP Flip并充电管家 |
| 产品型号: | FC326 |
| USB-C输入: | 5V \leq 3A, 9V \leq 3A, 12V \leq 3A, 15V \leq 3A, 20V \leq 3.25A 65W Max |
| USB-C输出: | 5V \leq 2A, 9V \leq 2A 18W Max |
| 适用电池: | DJI Flip智能飞行电池(BWX141-3110-7.16) |
| 适配充电器: | 建议使用LKTOP 65W氮化镓快速充电器 LKTOP 65W 便携充电器、LKTOP 100W 桌面充电器 LKTOP 100W 氮化镓充电器、LKTOP 100W 车载充电器 LKTOP 130W 车载充电器、DJI 100W 桌面充电器 DJI 65W 车载充电器、DJI 65W 便携充电器 或其他65W/100W PD协议充电器 |
| 充电环境温度: | 5°C- 40°C |
| 产品尺寸: | 100 x 62 x 47.5mm |
| 产品重量: | 103g \pm 10%(不含包装) |
| 包装尺寸: | 107 x 80 x 52mm |

*测试数据均为实验环境下(室温25°C情况下)测得,仅供参考。

PS:本页面所示重量/尺寸信息均为手工测量, \pm 5g/3-5mm误差属于正常现象,仅供参考。

Disclaimers

Thank you for purchasing LKTOP Flip Parallel Charging Hub (hereinafter referred to as "Charging Hub"). Before using the Charging Hub, please read this statement carefully. Once this product is used, it is deemed as recognition and acceptance of all the contents of this statement. Please strictly follow these instructions when using this product, and be sure to pay attention to the precautions. LKTOP shall not be responsible for any direct or indirect losses or injuries caused by improper use of the charging hub by the user.

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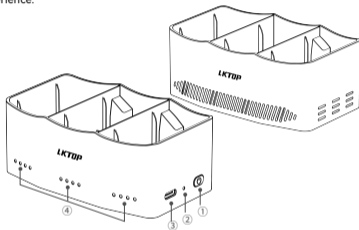
There may be differences in the disclaimer for different language versions. In China, the Chinese version shall prevail, while in other regions, the English version shall prevail.

Product Usage Precautions

- Before using this product, please carefully read and follow all safety and compliance operating instructions related to this article and this product.
- Do not use the charging hub in direct sunlight, rain, or humid environments.
- The charging hub should be kept away from hazardous materials such as heat sources, high voltage, water, flammable gases, and corrosive agents.
- In case of a fire alarm, please use dry powder fire extinguishers correctly to extinguish the fire. Using liquid fire extinguishers may pose a risk of electric shock.
- Keep the interior of the charging hub dry and avoid entering liquids such as water and oil.
- Please place the charging hub steadily and pay attention to insulation and fire prevention when using it.
- When charging, please stay away from flammable materials and do not place the charging hub or battery on the carpet for charging.
- Do not touch the metal terminals of the battery interface with your hands or other objects. If foreign objects are attached to the metal terminals, please wipe them clean with a dry cloth when the power is turned off.

Product Introduction

LKTOP Flip Parallel Charging Hub is a charging hub that integrates charging, storage, organization, and discharging functions. It can charge three intelligent flight batteries simultaneously, supports LKTOP Power K1/K1S, and is compatible with other bidirectional power banks to improve charging efficiency. Combined with intelligent flight batteries, it can also serve as a power bank to charge remote controllers or other external devices, providing drone users with a faster and more efficient charging experience.



- ① Function Button
- ② Mode Indicator Light
- ③ USB-C Input / Output Port
- ④ Battery Level Indicator Light

Function: Operation Steps

Battery Level Display: Short press the function button and the battery status indicator light will display the battery level.

60% Mode: During the charging process, long press the function button for more than 2 seconds. The first three bars of the battery level indicator light will flash 3 times at the same time, and the mode indicator light will display yellow.

Note: In 60% mode, when the battery is charged to around 60%, the charging hub will automatically stop charging; When the initial battery level is $\geq 60\%$, it will not be charged.

95% Mode: During the charging process, press and hold the function key for more than 2 seconds. When it reaches 60% mode, press and hold it again briefly to enter 95% mode. The battery status indicator light and 4 LED lights will flash 3 times at the same time, and the mode indicator light will display green.

Note: After turning on the 95% mode, the charging manager will automatically stop charging when the battery reaches 95%.

100% Mode: During the charging process, the 100% mode is enabled by default, and the mode indicator light does not light up by default.

Output Mode: Insert the battery into the charging hub, short press and then long press the function key for more than 2 seconds (DJI intelligent flight battery power on mode) Entering the power bank mode, the mode indicator light will display green.

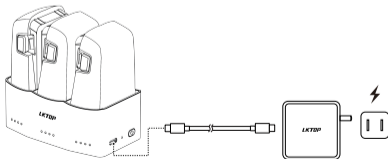
Product Instructions

·Charging the intelligent flight battery

This manual demonstrates the charging process for DJI Flip Intelligent Flight Batteries using the LKTOP Flip Parallel Charging Hub and LKTOP 100W GaN Charger as examples.

Indoor Charging Instructions:

- 1.Insert the DJI Flip Intelligent Flight Batteries into the LKTOP Flip Parallel Charging Hub.
- 2.Connect the charger to an AC power source (100–240V, 50/60Hz), then plug the hub's USB-C input/output port into the charger.
- 3.During charging, the battery level indicator light will blink cyclically, indicating the current battery level.
- 4.When fully charged, the light will stay solid. Please disconnect the power promptly.

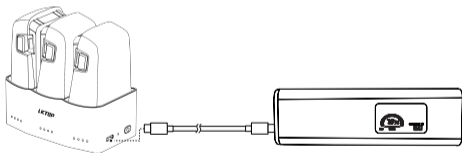


Taking LKTOP Flip Parallel Charging Hub+LKTOP 100W GaN Charger as an Example

- ⚠ LKTOP Flip Parallel Charging Hub will intelligently detect the battery level and input power. If the input power is $< 45W$, the battery level will be charged from high to low, and if the input power is greater than or $\geq 45W$, it will be charged. Taking A battery (low battery level), B battery (medium battery level), and C battery (high battery level) as an example, prioritize charging A battery to the same level as B battery, charging A and B batteries simultaneously to the same level as C battery, and charging A, B, and C batteries simultaneously until all three batteries are fully charged.

Outdoor Charging Instructions:

- 1.Insert the DJI Flip Intelligent Flight Batteries into the LKTOP Flip Parallel Charging Hub.
- 2.Connect the K1S Power Bank to the hub's USB-C input/output port.
- 3.During charging, the battery level indicator light will blink cyclically, indicating the current battery level.
- 4.When fully charged, the light will remain solid. Disconnect the power source promptly.

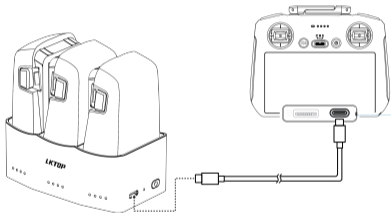


Taking LKTOP Flip Parallel Charging Hub+LKTOP 100W GaN Charger as an Example

Product Instructions

·Using the Charging Hub as a Power Bank

1. Insert the DJI Flip Intelligent Flight Batteries into the LKTOP Flip Parallel Charging Hub.
2. Connect external devices (such as remote controller) to the USB-C input/output port of the charging hub.
3. Short press and then long press the function button for more than 2 seconds (DJI intelligent flight battery power on mode), the mode indicator light will display green, and output will begin.
4. After the device is fully charged, please unplug the external device in a timely manner.



Taking LKTOP Flip Parallel Charging Hub+DJI RC 2 Remote Controller as an Example

Product Specifications

| | |
|----------------------|---|
| Product Name: | LKTOP Flip Parallel Charging Hub |
| Product Model: | FC326 |
| USB-C Input : | 5V \leq 3A, 9V \leq 3A, 12V \leq 3A, 15V \leq 3A, 20V \leq 3.25A 65W Max |
| USB-C Output : | 5V \leq 2A, 9V \leq 2A 18W Max |
| Applicable Battery: | DJI Flip Intelligent Flight Battery (BWX141-3110-7.16) |
| Compatible Charger: | Suggest Using LKTOP 65W GaN Fast Charger LKTOP 65W Portable Charger, LKTOP 100W Desktop Charger LKTOP 100W GaN Charger, LKTOP 100W Car Charger LKTOP 130W Car Charger, DJI 100W Desktop Charger DJI 65W Car Charger, DJI 65W Portable Charger Or Other 65W/100W PD Protocol Chargers |
| Working Temperature: | 5°C- 40°C |
| Product Size: | 100 x 62 x 47.5mm |
| Product Weight: | 103g \pm 10% (excluding packaging) |
| Packaging Size: | 107 x 80 x 52mm |

*The test data were obtained under experimental conditions (at room temperature of 25°C) and are for reference only.

PS: The weight/size information shown on this page is manually measured, and an error of \pm 5g/3-5mm is a normal phenomenon and is for reference only.

Compliance Information

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference;
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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This manual is subject to updates without prior notice.

本手册如有更新，恕不另行通知。

You can check the latest version on the LKTOP official website

您可以在LKTOP官方网站查询最新版本

<https://www.lktop.cn>

If you have any questions or suggestions about the manual,
please contact us via the following email:

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：

service@lktop.cn

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