

LKTOP

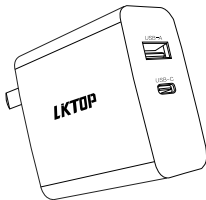
65W氮化镓快充充电器

65W GaN Fast Charger

User Manual

使用说明

V2.0 2024.09



免责声明

感谢您购买LKTOP 65W 氮化镓快充充电器(以下简称“充电器”)。在使用充电器之前,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。因用户充电器使用不当而造成的直接或者间接损失与伤害,立刻飞概不负责。

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产品使用注意事项

- 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器。
- 充电器应远离热源、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。
- 严禁在雷电及雷雨天气中使用充电器。
- 保持充电器内部干燥,切勿进入水、油等液体。
- 使用时请注意绝缘及防火。
- 充电时,请远离可燃物,切勿将充电器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 65W 氮化镓快充充电器，是一款专为无人机设备打造的充电器。采用GaN技术提升充电速度，体积更加小巧，拥有USB-C和USB-A双口输出，实现电池和遥控器同时充电；支持PPS和PD协议，还可以为您的手机、电脑等设备充电。在充电过程中为无人机设备提供持续稳定的电力，让充电变得更加高效便捷。



单口输出：



18W Max



65W Max

双口输出：

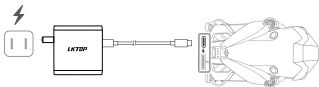


18W Max
45W Max

产品使用说明

·使用充电器

1. 连接充电器到交流电源(100-240V,50/60 Hz)。
2. 在智能飞行电池关闭的状态下，将飞行器与充电器连接。
3. 充电状态下智能飞行电池电量指示灯将会循环闪烁，并指示当前电池电量。
4. 等待设备充满电后(智能飞行电池充满时电量指示灯全部熄灭)，请及时拔出相应设备，并关闭充电器电源。



以DJI Mini 4 Pro无人机为例

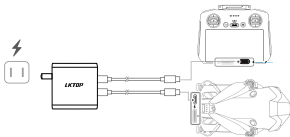
· 使用充电管家（以LKTOP Mini 4 Pro/Mini 3系列双向充电管家为例）

1. 将充电器连接电源接口至交流电源(100-240V,50/60Hz), 同时用USB-C接口连接充电器与LKTOP Mini 4 Pro/Mini 3系列双向充电管家。
2. 将智能飞行电池插入充电管家的充电口, 充电管家将根据电池的电量由高到低依次为电池充电。
3. 充电状态下智能飞行电池电量指示灯将会循环闪烁, 并指示当前电池电量。
4. 等待设备充满电后(智能飞行电池充满时电量指示灯全部熄灭), 请及时拔出相应设备, 并关闭充电器电源。



· 双口同时输出

为无人机飞行器和遥控器快速充电的同时也可为其他支持PD/QC/PPS等快充协议的移动设备快速充电。



以DJI Mini 4 Pro无人机+DJI RC 2遥控器为例

产品基本参数

产品名称:	LKTOP 65W 氮化镓快充充电器
产品型号:	RH-PD65W
输入参数:	110-240V/50-60Hz 1.5A
输出参数:	USB-C:5V=3A, 9V=3A, 12V=3A, 15V=3A, 20V=3.25A Max USB-A:5V=3A, 9V=2A, 12V=1.5A Max
USB-C+USB-A 输出:	45W+18W=63W Max
适配产品:	DJI Mavic 3 Pro、DJI Mavic 3 Pro Cine、DJI Mavic 3 Classic DJI Mavic 3、DJI Mavic 3 Cine、DJI Air 3、DJI Avata DJI Neo、DJI Goggles 2 电池 DJI Neo双向充电管家、LKTOP Mini 4 Pro/Mini 3系列双向充电管家 LKTOP 100W Mini 4 Pro/Mini 3系列双向充电管家(MM433-100) LKTOP 200W Air 3三通道充电管家 LKTOP POWER K1 支持其它快充协议(PD/QC/PPS等)的电子设备
单个设备充电时间:	DJI Mavic 3 智能飞行电池:约 1 小时 36 分钟 DJI RC-N1 遥控器:约 2 小时 40 分钟 DJI RC 遥控器:约 2 小时 DJI RC Pro 遥控器:约 2 小时 DJI Avata 智能飞行电池:约 47 分钟 DJI Goggles 2 电池:约 1 小时 50 分钟 DJI Air 3 智能飞行电池:约 80 分钟 DJI Mini 4 Pro/Mini 3系列智能飞行电池:约 50 分钟
产品尺寸:	54*52*29mm
包装尺寸:	85*70*30mm
产品重量:	98g ± 5g (不包含线材重量)

PS:本页面所示重量/尺寸信息均为手工测量,仅供参考,实际数据可能会因个体差异环境变化,或产品不同批次、迭代等原因造成变化,具体以实物为准。

Disclaimers

Thank you for purchasing the LKTOP 65W GaN Fast Charger (hereinafter referred to as the "Charger"). Before using the charger, please carefully read this statement. Once using this product, it is considered as recognition and acceptance of the entire content of this statement. Please strictly follow these instructions when using this product and pay attention to precautions. LKF not be responsible for any direct or indirect losses or injuries caused by the user's improper use of the charger.

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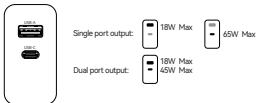
There may be differences in disclaimers for different language versions. The Chinese version shall prevail in China, and the English version shall prevail in other regions.

Precautions for product use

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

Product Introduction

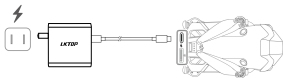
LKTOP 65W GaN Fast Charger is designed specifically for drone equipment. Using GaN technology to enhance charging speed, with a more compact size. With dual USB-C and USB-A outputs, it allows simultaneous charging of batteries and remote controllers. It supports PPS and PD protocols, enabling charging for your mobile phone, laptop, and other devices. Providing continuous and stable power to drone equipment during the charging process, it ensures efficient and portable charging.



Product instructions

Using a charger

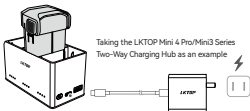
1. Connect the charger to an AC power source (100-240V, 50/60 Hz).
2. With the intelligent flight battery turned off, connect the drone to the charger.
3. The intelligent flight battery indicator light will flash in a cycle during charging, indicating the current battery level.
4. After the device is fully charged (when all the charge indicator lights on the intelligent flight battery go out), promptly disconnect the respective device and turn off the charger power.



Taking the DJI Mini 4 Pro drone as an example

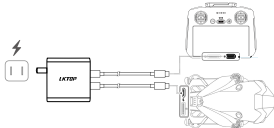
·Using the charging hub (taking the LKTOP Mini 4 Pro/Mini 3 Series Two-Way Charging Hub as an example):

- 1.Connect the charger to an AC power source (100-240V, 50/60Hz), and simultaneously use the USB-C interface to connect the charger to the LKTOP Mini 4 Pro/Mini 3 Series Two-Way Charging Hub.
- 2.Insert the intelligent flight battery into the charging port of the charging hub. The charging hub will charge the batteries sequentially from high to low based on their current levels.
- 3.While charging, the indicator lights on the intelligent flight batteries will cyclically flash, indicating the current battery levels.
- 4.Once the devices are fully charged (when all the charge indicator lights on the intelligent flight battery go out), promptly disconnect the respective devices and turn off the charger.



·Dual-port simultaneous output

Enables rapid charging for both the drone and remote controller while also facilitating fast charging for other mobile devices supporting PD/QC/PPS and other fast charging protocols.



Taking DJI Mini 4 Pro drone+DJI RC 2 remote controller as an example

Basic product parameters

Product Name:	LKTOP 65W GaN Fast Charger
Product model:	RH-PD65W
Input parameter:	110-240V/50-60Hz 1.5A
Output parameters:	USB-C:5V=3A, 9V=3A, 12V=3A, 15V=3A,20V=3.25A Max USB-A:5V=3A, 9V=2A, 12V=1.5A Max
USB-C+USB-A Output:	45W+18W=63W Max
Adapted products:	DJI Mavic 3 Pro ,DJI Mavic 3 Pro Cine ,DJI Mavic 3 Classic DJI Mavic 3, DJI Mavic 3 Cine, DJI Air 3, DJI Avata DJI Neo, DJI Goggles 2 Battery DJI Neo Two-Way Charging Hub LKTOP MINI 3/4 SERIES TWO-WAY CHARGING HUB LKTOP 100W MINI 4 Pro/MINI 3 SERIES TWO-WAY CHARGING HUB (MM433-100) LKTOP 200W Three-Way Charging Hub For Air 3, LKTOP POWER K1 Electronic devices that support other fast charging protocols (PDI/QC/PPS, etc.)
Single device charging time:	DJI Mavic 3 intelligent flight battery: about 1 hour and 36 minutes DJI RC-N1 remote controller: about 2 hours and 40 minutes DJI RC remote controller: about 2 hours DJI RC Pro remote controller: about 2 hours DJI Avata intelligent flight battery: about 47 minutes DJI Goggles 2 battery: about 1 hour and 50 minutes DJI Air 3 intelligent flight battery: about 80 minutes DJI Mini 4 Pro/Mini 3 Series intelligent flight battery: about 50 minutes
Product size:	54*52*29mm
Packaging size:	85*70*30mm
Product weight:	98g ± 5g (excluding wire weight)

PS: The weight/size information shown on this page is manually measured and is for reference only. Actual data may vary due to individual differences, environmental changes, or product batches, iterations, and other reasons, and the actual product shall prevail.

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您可以在LKTOP官方网站查询最新版本

<https://www.lktop.cn>

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please contact us via the following email:

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