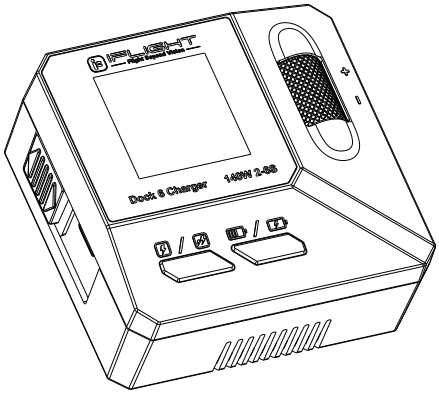
IFLIGHT
Flight Beyond Vision

Dock 6 charger

Quick Start Guide
快速入门指南



V1.0

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一、免责声明

1. 重要提示

请在使用本产品前仔细阅读本声明。一旦你使用本产品，即视为你已理解、同意并承诺严格遵守本声明的全部内容。违反本声明可能导致严重的财产损失、人身伤害及法律后果。

2. 总则与责任豁免

2.1 产品用途与适配规格

本平衡充电器是用于航空模型、无人机等设备专用锂电池的充电设备，支持 LIPO 2-6S 锂电池，供电范围为 DC10V-28V 及 PD3.1 协议供电，仅适用于符合上述规格要求的锂电池及供电方式。用户须对使用本充电器进行的所有充电操作及相关行为负全部责任。

2.2 责任边界

iFlight　作为本平衡充电器的制造商，仅对充电器本身的硬件质量负责。对于因以下（但不限于）任何情况导致的任何形式的直接或间接损失，包括但不限于人身伤害、财产损失、电池损坏、数据丢失、第三方索赔等，本公司概不承担责任：
用户未遵守本说明书及本免责声明的要求；

用户操作不当、误操作或疏忽大意，包括但不限于错误连接电池正负极、超时充电、使用不符合适配规格的锂电池或供电方式等；

用户对设备进行未经授权的改装、拆卸或维修；
不可抗力（如自然灾害、战争、电网故障、电压突变等）因素；
使用非原厂或未获认证的电池、充电配件；
违反任何国家、地区关于锂电池充电、电气设备使用的法律法规的行为。

3. 充电环境与区域限制

使用本产品即代表你承诺将主动查询并遵守使用所在地的所有相关法律法规，绝对禁止在以下区域及情况下充电：

3.1 危险环境与限制区域

严禁在易燃易爆环境（如加油站、化工厂、存放酒精等易燃物品的场所）内充电。
严禁在靠近火源、热源（如暖气、灶台、阳光直射暴晒区域）的位置充电。
严禁在潮湿、积水或粉尘严重的环境（如浴室、雨天户外、粉尘车间）内充电，避免短路风险。

3.2 公共安全区域

严禁在人员密集的公共场所（如商场、学校、医院、地铁、公交车内）进行无安全防护的充电操作，除非已获得相关管理部门的明确许可并采取了充分的安全措施。
严禁在影响公共交通或公共安全的区域（如楼梯间、消防通道、配电室附近）充电，以免发生事故时阻碍疏散或扩大危害。

4. 充电操作安全规范

4.1 操作者状态

严禁在服用可能影响判断力、反应速度的精神类药物(包括但不限于麻醉品、镇定剂)或饮酒后,在神志不清、精神疲劳等非正常状态下操作本设备。

4.2 充电前检查

每次充电前,必须逐项检查以下内容,确保一切正常后方可启动充电:
充电器外观无破损、裂纹,电源线、充电接口无老化、破损、裸露导线等情况;
锂电池无鼓包、漏液、破损、发热等异常现象,且电池类型(LIPO)、串数(2-6S)符合充电器适配要求;
供电方式符合 DC10V-28V 或 PD3.1 协议 要求,供电设备无故障、破损;
充电配件(如连接线、接头)为原厂或经认证的合格产品,无接触不良、破损等问题。

4.3 充电过程规范

充电时需保持充电器通风良好, 与可燃物(如被褥、衣物、纸张)保持足够的安全距离, 避免热量积聚引发火灾。
充电期间不得无人看管, 需定期查看充电器及电池状态, 发现异常发热、冒烟、异味等情况, 立即切断电源并停止使用。
严禁超时充电,充电完成后应及时断开电源,不得长期将充电器插在插座上空载运行。
严格按照说明书规定的充电参数操作,不得擅自修改充电电流、电压等设置。
在开始充电之前, 请务必检查充电参数。不正确的设置为任何电池充电, 包括以错误的模式为电池充电, 都可能导致财产损失和火灾。如果您在充电过程中发现任何异常情况 (如电池膨胀),请务必停止充电或断开充电器的电源。

4.4 干扰与环境规避

避免在强电磁干扰源(如高压线、通讯基站、大型工业设备)附近充电, 防止影响设备正常工作。
避免在极端温度环境(如低于 0℃或高于 40℃)下充电, 锂电池在极端温度下充电易引发热失控风险。

5. 设备使用与保管

5.1 合法与安全用途

本产品禁止用于任何非法或危险用途,包括但不限于为非 LIPO 2-6S 规格的锂电池充电、使用超出 DC10V-28V 范围或非 PD3.1 协议的供电方式、改装后用于违规供电、在禁限区域违规充电等。

5.2 儿童与未成年人防护

请将本产品及相关锂电池、配件保管在儿童无法触及的地方。未成年人使用本产品, 必须在具有完全行为能力的成年人全程监护和指导下进行。

5.3 配件与充电规范

必须使用原厂或 iFlight 认可的充电配件(包括电源线、连接线、接头等),严禁使用劣质、非标或破损的配件。
严格按照说明书要求的供电规格(DC10V-28V 或 PD3.1 协议)连接电源,不得使用不符合电压标准或协议要求的供电设备,避免因供电不匹配引发火灾、爆炸等风险。
锂电池充电时需远离儿童、宠物,放置在不可燃的坚硬平面上,不得放置在被褥、衣物等易燃物品上。

6. 法律遵从与最终解释

6.1 法律遵从

用户有责任了解并遵守使用所在地所有关于电气设备使用、锂电池安全、消防安全的法律、法规及管理规定。本声明的内容不能取代当地法律,若本声明与当地法律冲突,应以更严格的法律规定为准。

6.2 声明更新

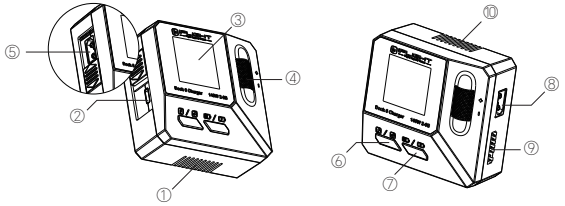
iFlight 保留随时更新和修改本免责声明的权利,恕不另行通知。有关产品的最新资料,请访问 https://www.iflight.com/ 或咨询客服。

6.3 版权归属

二、产品简介

Dock 充电适配器是一款为 FPV 飞手打造的智能航模电池充电器。搭配 iFlight 智能电池时，可自动识别电池类型、串数与充电参数，实现"插上即充"的便捷体验，无需额外设定。同时兼容市面常见的航模电池，满足入门用户与日常飞行的多种充电需求。

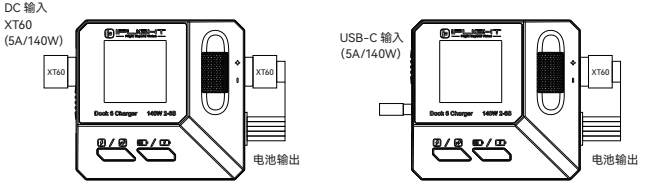
iFlight 智能电池支持快捷按键切换 2C / 4C 充电速度 以及 充电 / 储存模式；普通电池也可通过按键轻松设置参数，操作直观，上手迅速。



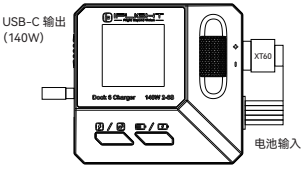
①出风口　②Type C 输入/输出口　③屏幕　④滚轮按键　⑤电源输入口
⑥慢充/快充 2C/4C 切换按键　⑦储存/充电 切换按键　⑧电池输入/输出口　⑨平衡口
⑩进风口

④滚轮按键 向下短按为确认，长按返回主页面，向左滚动为左翻页/向上选择，向右滚动为右翻页/向下选择

2. 充电模式



3. 反向放电模式



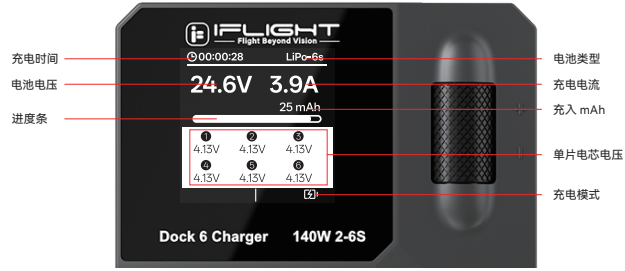
三、产品规格

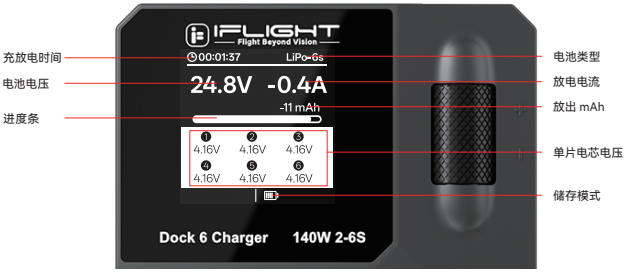
最大输入电流：DC 5A / USB-C 5A（PD3.1）
输入电压：DC 10-28V；Type-C 10-28V
输出电压范围：6.0-25.2V
充电电流：0.1- 8A
最大充电功率：140W
最大反向充电功率：Type-C 140W / 5A
支持电池类型：2-6S LiPo(4.2V)
平衡电流：0.4A / Cell(Max)
放电电流：0.4A / Cell(Max)
工作温度：0-40℃
电池电压异常报警：支持
串数设定错误报警：支持
尺寸：77*73*37mm
重量：113±5g

2. 预设电池类型

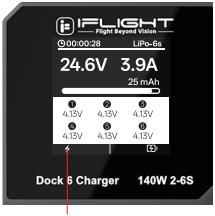
电池类型	LiPo
额定电压	3.7V
满充电压	4.2V
存储电压	3.8V
放电电压	3.3V

3. 页面显示说明

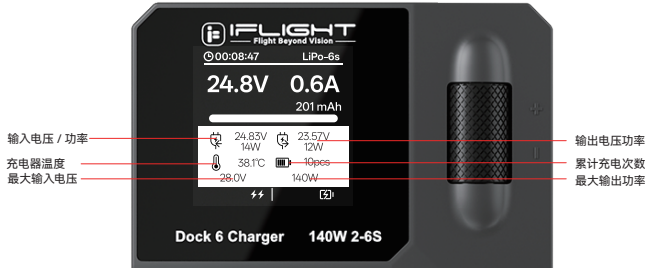




注：iFlight 智能电池与普通电池通用此界面



注：2C/4C 充电模式只有在接入 iFlight 智能电池显示，普通电池无此页面显示



四、操作说明

1. 充电器接入电源后，进入产品 LOGO 页面约 3s(图 1)，自动跳至设置截止电压页面(注：此页面仅在使用 DC 输入时显示)(图 2)，如使用 Type-C 供电则无此页面，设置完截止电压后跳至主页面(图 3)，接入电池后显示对应电池信息(图 4)，向左右滑动可查看输入 / 输出电压功率等信息(图 5)

(图 1)

(图 2)

(图 3)

(图 4)

（图 5）

2. 滚轮按键向下短按进入任务设置，内容如下图：

任务选择	充电、放电、储存
电池类型	LiPo
电池串数	2-6S
电流设置	0.1-8A
启动任务	启动任务
反向充电	开 / 关
返回	返回

3. 滚轮按键向下长按 3s 进入系统设置，内容如下图：

电压功率设定	最低输入电压、最大输出功率
显示与声音	背光亮度、音量、提示音
系统语言	简体中文、英文
其他设置	主题、系统自检、电压校准
系统信息	固件版本

4. 在充电模式下，接入 iFlight 智能电池时，充电器将自动识别电池参数，检测无异常后直接进入充电状态；若接入普通航模电池，需先进入任务设置页面手动配置对应参数，设置完成后手动启动充电流程。

(图 1)

(图 2)

(图 3)

(图 4)

(图 5)

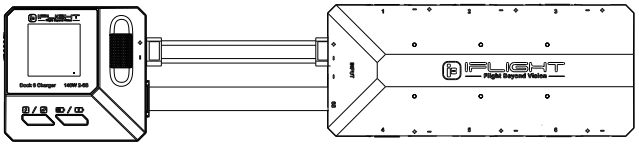
注：接入 iFlight 智能电池时，在充电过程中，可通过 2C/4C 快捷按键调节充电电流，一个闪电图标为 2C，2 个闪电图标为 4C(图 1、2、3、4)；普通电池短按滚轮按键进入任务调整调节充电电流(图 5)

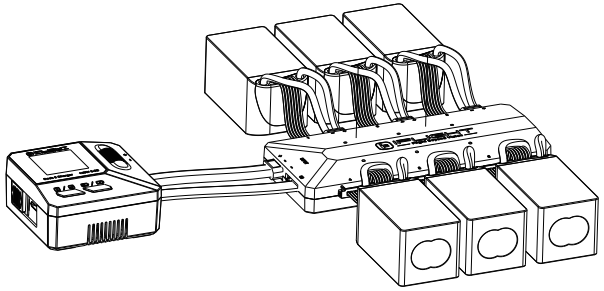
5. 放电模式，支持 LiPo 放电，放电范围：LiPo 2.6-3.7V.

6. 储存模式，支持 LiPo 储存电压，储存电压 3.9V，不可调节。

五、设备兼容性

Dock 6 Charger 可适配翼飞智能 Dock 6CH charger Hub，支持 iFlight 智能电池与普通电池充电（不支持混充），详情请阅读 Dock 6CH charger Hub 使用指南。





六、固件升级

1. 如需对产品进行固件升级，请使用 Type-C to Type-C 或 USB-A to Type-C 数据线将充电器连接至电脑。首次连接时，电脑可能需要联网自动安装 USB 驱动程序，请耐心等待安装完成。

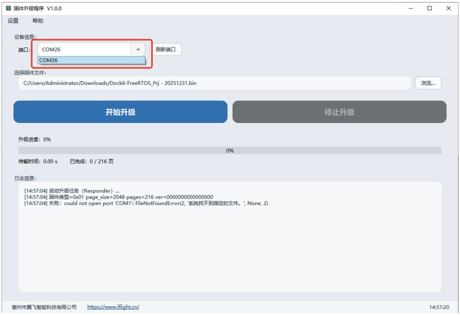
2. 操作步骤如下：

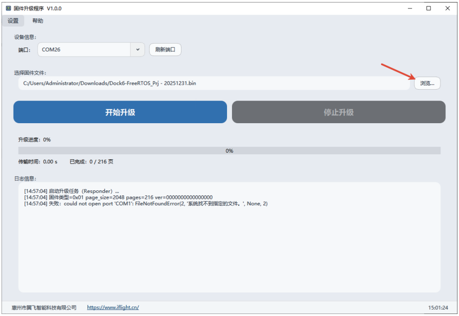
在 **断开数据线** 状态下，先将滚轮按键 **向下长按**；
保持按压状态下接入数据线，直至充电器屏幕显示 **“请选择升级设备”**；
若升级 **充电器本体**，滚轮按键向下 **短按** 进行选择，光标停留并闪烁在“充电器”选项；
若升级 **充电管家**，则选择“充电管家”选项；
确认选项后，向下 **长按滚轮按键约 2 秒** 进入升级页面。

3. 在电脑端 打开 **Dock 充电器升级软件**，依次完成以下操作：

选择对应的 **串口**（图 1）；
选择需要升级的 **固件文件**（图 2）；
点击 **开始升级**（图 3），等待进度条完成并提示 **升级成功**（图 4）。

注意：固件存储需在英文路径下，请不要随意修改固件名。升级过程中请勿拔出 USB 数据线或断电，否则可能导致升级失败。如升级异常，可重新按上述步骤操作。


固件升级程序 V1.0.0
设置
帮助
设备信息：
端口：
COM26
COM26
刷新端口
选择固件文件：
C:/Users/Administrator/Downloads/Dock6-FreeRTOS_Prj - 20251231.bin
浏览...
开始升级
停止升级
升级进度：0%
0%
传输时间：0.00 s
已完成：0 / 216 页
日志信息：
[14:57:04] 启动升级任务（Responder）...
[14:57:04] 固件类型=0x01 page_size=2048 pages=216 ver=0000000000000000
[14:57:04] 失败：could not open port 'COM1': FileNotFoundError(2, '系统找不到指定的文件。', None, 2)
惠州市翼飞智能科技有限公司
https://www.iflight.cn/
14:57:20


固件升级程序 V1.0.0
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C:/Users/Administrator/Downloads/Dock6-FreeRTOS_Prj - 20251231.bin
浏览...
开始升级
停止升级
升级进度：0%
0%
传输时间：0.00 s
已完成：0 / 216 页
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惠州市翼飞智能科技有限公司
https://www.iflight.cn/
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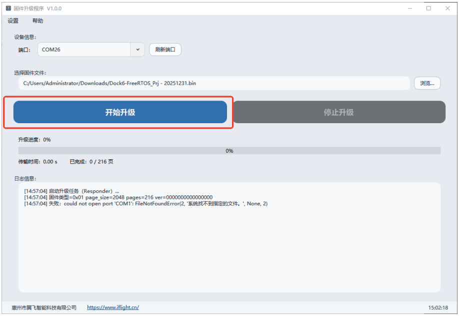
固件升级程序 V1.0.0
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COM26
刷新端口
选择固件文件：
C:/Users/Administrator/Downloads/Dock6-FreeRTOS_Prj - 20251231.bin
浏览...
开始升级
停止升级
升级进度：0%
0%
传输时间：0.00 s
已完成：0 / 216 页
日志信息：
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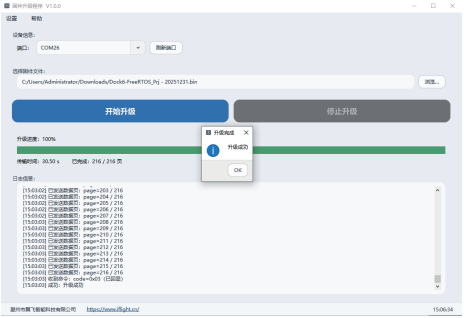
[14:57:04] 固件类型=0x01 page_size=2048 pages=216 ver=0000000000000000
[14:57:04] 失败：could not open port 'COM1': FileNotFoundError(2, '系统找不到指定的文件。', None, 2)
惠州市翼飞智能科技有限公司
https://www.iflight.cn/
15:02:18



4. 升级完成后，设备将进入语言选择界面。

滚轮按键 **短按** 切换中文 / 英文；

确认后 **长按约 3 秒并松开**，设备将自动进入主界面，完成升级。

5. 软件与固件前往 IFLIGHT 技术支持中心下载

IFLIGHT 技术支持中心

惠州市翼飞智能科技有限公司

电话：+86752-3866-695
邮箱：support@iflight.com
网址：www.iflight.com
地址：惠州仲恺高新区陈江街道仲恺六路333号
星河仲恺人工智能产业园B 2栋厂房第5-6层

关注IFlight官方账号，获取更多技术支持

售后服务卡

AfterSales Service Card

国内返修登记表

Domestic repair registration form

请先扫码填写产品售后信息，再填写售后工单号并随货物一同寄回此返修卡。

寄件人：_____

手机号码：_____

售后工单号：_____

保修政策

Warranty policy

因为航模商品的特殊性，一旦正常使用后，在后续的使用中出现损伤，经过寄回检查后，确认是产品质量问题后，我们将接受无条件退换，非质量问题不接受退换。(我们会尽可能免费为您维修，快递费由买家承担)

以下因素不在保修范围内

The following factors are not covered by the warranty

1. 由人为因素造成的损伤、在异常条件下使用产品；
2. 由于使用不当，或维护不当导致出现问题；
3. 不可抗力，如火灾、洪水、地震；
4. 通过二手市场等其他第三方平台购买的物品，将不给予免费的保修服务；
5. 无法出示有效发票及保修卡。

注：套机请寄回成品，请勿拆成散件寄回，否则将会导致返修周期延长。

Warranty Policy

微信公众号

WeChat Official Accounts

I. Disclaimer

1. Important Notice

Please read this statement carefully before using this product. By using this product, you acknowledge that you have fully understood, agreed to, and committed to strictly comply with all the terms and conditions contained herein. Any violation of this statement may result in serious property damage, personal injury, and legal consequences.

2. General Provisions and Limitation of Liability

2.1 Intended Use and Applicable Specifications

This balance charger is designed exclusively for charging lithium batteries used in aircraft models, drones, and related equipment. It supports LiPo 2–6S lithium batteries, with a power input range of DC 10V–28V or PD 3.1 protocol power supply.This product shall only be used with batteries and power supplies that meet the above specifications. The user assumes full responsibility for all charging operations and any related actions performed using this charger.

2.2 Limitation of Liability

As the manufacturer of this balance charger, iFlight is solely responsible for the hardware quality of the charger itself. iFlight shall not be liable for any direct or indirect losses arising from, including but not limited to, personal injury, property damage, battery damage, data loss, or third-party claims caused by any of the following circumstances (including but not limited to):

- Failure to comply with this manual and this disclaimer.
- Improper operation, misuse, or negligence, including but not limited to incorrect polarity connection, overcharging, use of incompatible batteries or power supplies;
- Unauthorized modification, disassembly, or repair of the product.
- Force majeure events, including but not limited to natural disasters, war, power grid failure, or voltage fluctuations.
- Use of non-original or uncertified batteries and charging accessories.
- Any violation of applicable national or regional laws and regulations relating to lithium battery charging and electrical equipment usage.

3. Charging Environment and Area Restrictions

By using this product, you agree to proactively understand and comply with all applicable laws and regulations in your location. Charging is strictly prohibited in the following areas and circumstances:

3.1 Hazardous Environments and Restricted Areas

- Do not charge in flammable or explosive environments, such as gas stations, chemical plants, or areas storing flammable materials (e.g., alcohol).
- Do not charge near open flames or heat sources (e.g., heaters, stoves, or direct sunlight exposure).
- Do not charge in humid, waterlogged, or dusty environments (e.g., bathrooms, outdoor areas during rain, dusty workshops), to avoid the risk of short circuits.

3.2 Public Safety Areas

- Do not perform unattended charging in crowded public places (e.g., shopping malls, schools, hospitals, subways, buses), unless explicit permission has been obtained from the relevant authorities and adequate safety measures are in place.
- Do not charge in areas that may affect public traffic or safety (e.g., stairwells, emergency exits, near electrical distribution rooms), to prevent obstruction of evacuation or escalation of hazards in the event of an accident.

4. Charging Safety Guidelines

4.1 Operator Condition

Do not operate this device while under the influence of alcohol or medications that may impair judgment or reaction time (including but not limited to anesthetics or sedatives), or when fatigued or in any abnormal physical or mental condition.

4.2 Pre-Charging Inspection

Before each charging operation, carefully check the following items and proceed only after confirming that all conditions are normal:

- The charger shows no visible damage or cracks; power cables and charging ports are free from aging, damage, or exposed wiring;
- The lithium battery shows no swelling, leakage, damage, or abnormal heating, and the battery type (LiPo) and cell count (2–6S) comply with the charger specifications;
- The power supply meets DC 10V–28V or PD 3.1 protocol requirements and shows no defects or damage;
- Charging accessories (e.g., cables and connectors) are original or certified products, with no poor contact or damage.

4.3 Charging Operation Requirements

- Ensure adequate ventilation during charging and keep the charger at a safe distance from flammable materials such as bedding, clothing, and paper to prevent

heat accumulation and fire risk.

● Charging must not be left unattended. Regularly monitor the charger and battery status. If abnormal heating, smoke, or odor is detected, immediately disconnect the power supply and stop using the device.

● Do not overcharge. Disconnect the power supply promptly after charging is completed. Do not leave the charger connected to a power source while idle.

● Strictly follow the charging parameters specified in this manual. Do not modify charging current, voltage, or other settings without authorization.

● Always verify the charging parameters before starting. Incorrect settings, including charging a battery in the wrong mode, may cause property damage or fire. If any abnormal condition (such as battery swelling) is observed during charging, stop charging immediately and disconnect the power supply.

4.4 Interference and Environmental Avoidance

● Avoid charging near strong electromagnetic interference sources (e.g., high-voltage lines, communication base stations, large industrial equipment), which may affect normal operation.

● Avoid charging in extreme temperatures (below 0° C or above 40° C). Charging lithium batteries under extreme temperatures may increase the risk of thermal runaway.

5. Device Use and Storage

5.1 Lawful and Safe Use

This product must not be used for any illegal or hazardous purposes, including but not limited to charging batteries outside the specified LiPo 2–6S range, using power supplies beyond the DC 10V–28V range or not compliant with the PD 3.1 protocol, unauthorized modification, or charging in prohibited areas.

5.2 Child and Minor Protection

Keep this product, lithium batteries, and accessories out of reach of children. Minors must use this product only under the full supervision and guidance of a responsible adult.

5.3 Accessories and Charging Compliance

● Only use original or iFlight-approved charging accessories (including power cables, connectors, and adapters). Do not use inferior, non-standard, or damaged accessories.

● Connect power strictly according to the specified input requirements (DC 10V–28V or PD 3.1 protocol). Do not use power supplies that do not meet voltage or protocol requirements to avoid risks such as fire or explosion.

● When charging lithium batteries, keep them away from children and pets and place them on a non-flammable, solid surface. Do not place batteries on bedding, clothing, or other flammable materials.

6. Legal Compliance and Final Interpretation

6.1 Legal Compliance

Users are responsible for understanding and complying with all applicable local laws, regulations, and administrative requirements regarding electrical equipment usage, lithium battery safety, and fire protection. This disclaimer does not replace local laws. In case of any conflict, the stricter legal requirement shall prevail.

6.2 Updates

iFlight reserves the right to update or modify this disclaimer at any time without prior notice. For the latest product information, please visit https://www.iflight.com/ or contact customer service.

6.3 Copyright

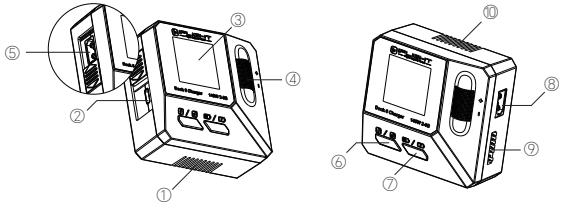
II. Introduction

The Dock 6 Charger is a smart battery charging solution designed for FPV pilots.

When paired with iFlight smart batteries, it automatically identifies the battery type, cell count, and charging parameters, enabling a true plug-and-play charging experience with no manual configuration required.

The Dock 6 Charger also supports a wide range of commonly used model batteries, making it suitable for both beginners and everyday flying needs.

iFlight smart batteries allow support quick button switching between 2C / 4C charging speeds and Charge / Storage modes. Standard batteries can also be easily configured using the control button, providing intuitive operation and fast setup.



①Air Outlet Vent ②Type-C Input / Output Port ③Display Screen

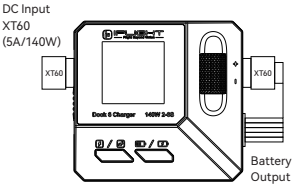
④Scroll Wheel Button ⑤Power Input Port

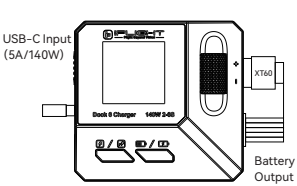
⑥Slow / Fast Charge (2C / 4C) Switch Button ⑦Storage / Charge Mode Switch Button

⑧Battery Input / Output Port ⑨Balance Port ⑩Air Intake Vent

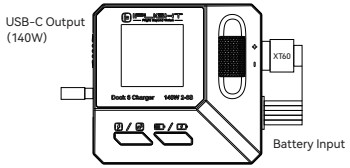
④A short downward press confirms the selection, a long press returns to the Home screen, scrolling left moves to the previous page or selects upward, and scrolling right moves to the next page or selects downward.

2. Charging Mode





3. Reverse Discharge Mode



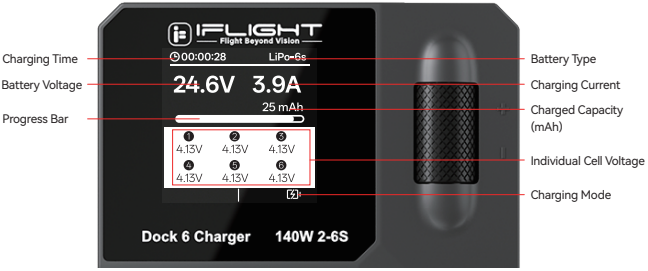
III. Product Specifications

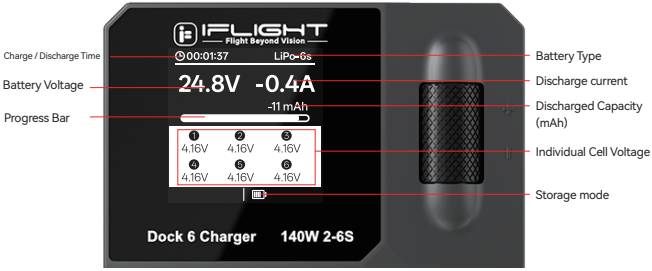
Maximum Input Current: DC 5A / USB-C 5A (PD3.1)
Input Voltage: DC 10-28V; Type-C 10-28V
Output Voltage Range: 6.0-25.2V
Charging Current: 0.1- 8A
Max Charging Power: 140W
Max Reverse Charging Power: Type-C 140W / 5A
Supported Battery Types: 2-6S LiPo(4.2V)
Balance current: 0.4A / Cell(Max)
Discharge Current: 0.4A / Cell(Max)
Operating Temperature: 0-40℃
Battery Voltage Abnormality Alarm: Supported
Series Setting Error Alarm: Supported
Size: 77*73*37mm
Weight: 113±5g

2. Preset Battery Types

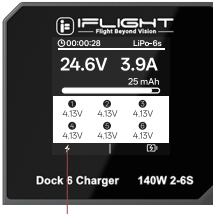
Battery Type	LiPo
Nominal Voltage	3.7V
Full Charge Voltage	4.2V
Storage Voltage	3.8V
Discharge Voltage	3.3V

3. Screen Display Description





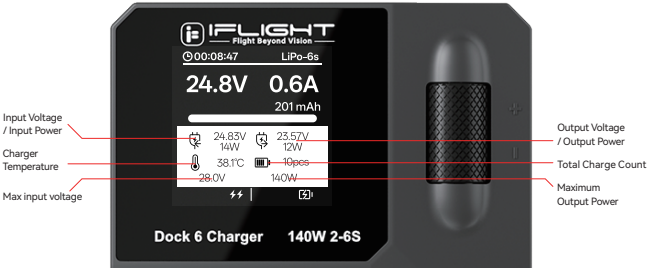
Note: This interface is shared by both iFlight smart batteries and standard batteries.



2C Charging

4C Charging

Note: The 2C / 4C charging mode is displayed only when an iFlight smart battery is connected. This page is not available for standard batteries.



IV. Operating Instructions

After the charger is connected to a power source, the product logo screen is displayed for approximately 3 seconds (Fig. 1). The system then automatically switches to the cutoff voltage setting screen (Note: this screen is displayed only when using DC input) (Fig. 2). When powered via Type-C, this screen will not appear.

After setting the cutoff voltage, the screen automatically enters the main screen (Fig. 3). Once a battery is connected, the corresponding battery information will be displayed (Fig. 4). Swipe left or right to view additional system information such as input/output voltage and power (Fig. 5).

(Fig. 1)

(Fig. 2)

(Fig. 3)

(Fig. 4)

(Fig. 5)

2. Short-press the scroll wheel downward to enter the Task Settings menu. The available options are shown below:

Task Selection	Charge、Discharge、Storage
Battery Type	LiPo
Battery Cell Count	2-6S
Current Setting	0.1-8A
Start Task	Start
Reverse Charging	On / Off
Back	Back

3. Press and hold the scroll wheel downward for 3 seconds to enter the System Settings menu. The available options are shown in the figure below:

Voltage & Power Settings	Minimum Input Voltage、Maximum Output Power
Display & Sound	Backlight Brightness、Volume、Alert Tone
System Language	Simplified Chinese、English
Other Settings	Theme、System Self-Test、Voltage Calibration
System Information	Firmware Version

4. In Charging Mode, when an iFlight Smart Battery is connected, the charger automatically identifies the battery parameters and after confirming that no abnormalities are detected, enters the charging state automatically.When a standard model battery is connected, the user must first enter the Task Settings page to manually configure the corresponding parameters. After the settings are completed, the charging process must be started manually.

(图 1)

(图 2)

(图 3)

(图 4)

(图 5)

Note: When an iFlight Smart Battery is connected, the charging current can be adjusted during charging using the 2C / 4C shortcut button. One lightning icon indicates 2C, and two lightning icons indicate 4C (Figures 1, 2, 3, and 4).When using a standard battery, short-press the scroll wheel to enter the task adjustment menu and adjust the charging current manually (Figure 5).

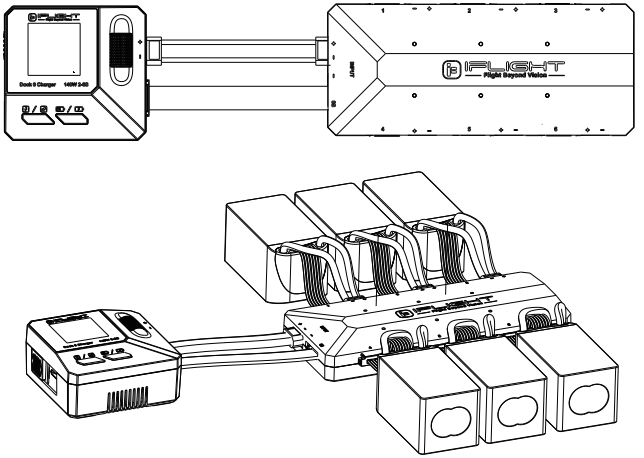
5. Discharge Mode supports LiPo battery discharging. The discharge voltage range is 2.6–3.7V per cell.

6. Storage Mode supports LiPo battery storage voltage. The storage voltage is fixed at 3.9V per cell and is not adjustable.

V. Device Compatibility

The Dock 6 Charger is compatible with the iFlight Dock 6CH Charger Hub and supports charging both iFlight Smart Batteries and standard batteries (mixed charging is not supported).

For detailed information, please refer to the Dock 6CH Charger Hub User Guide.



VI. Firmware Upgrade

1. To upgrade the firmware, connect the charger to a computer using a **Type-C to Type-C** or **USB-A to Type-C** data cable.When connecting for the first time, the computer may need to access the internet to automatically install the USB driver. Please wait until the installation is completed.

2. Operation Steps:

- **With the data cable disconnected**, press and hold the scroll wheel downward;
- While continuing to hold the wheel, connect the data cable until the charger screen

displays "**Please select the upgrade device**."

- To upgrade the charger unit, **short-press** the scroll wheel downward to select "Charger." The cursor will remain highlighted and flashing on this option.
- To upgrade the Charging Hub, select "Charging Hub."
- After confirming the selection, press and **hold the scroll wheel downward for approximately 2 seconds** to enter the upgrade page.

3. On the computer, open **the Dock Charger Upgrade Software** and complete the following steps in sequence:

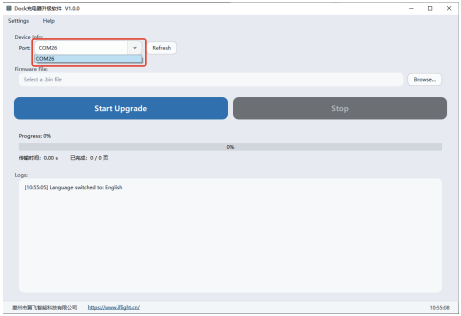
Select the appropriate COM port (Fig. 1).

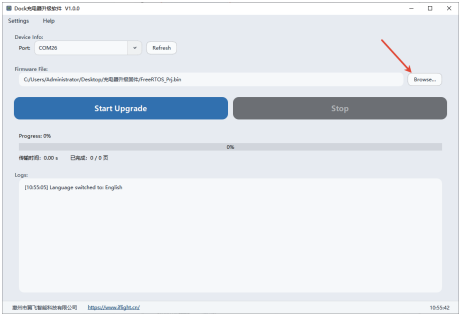
Select the firmware file to be upgraded (Fig. 2).

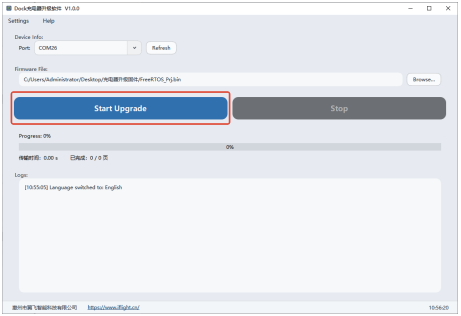
Click Start Upgrade (Fig. 3), and wait for the progress bar to complete and display Upgrade Successful (Fig. 4).

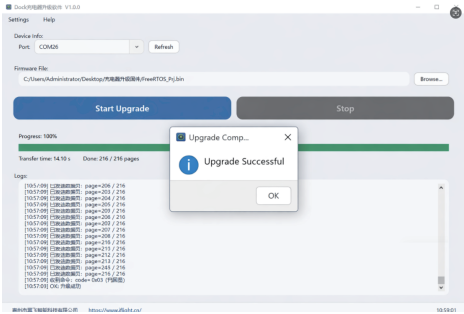
Note:

- The firmware file must be stored in a directory with an English path. Do not modify the firmware file name.
- Do not disconnect the USB cable or power off the device during the upgrade process, as this may cause the upgrade to fail.
- If an upgrade error occurs, please repeat the above steps.




Dock光电藏开模软件 V1.0.0
Settings
Help
Device Info:
Port:
COM26
Refresh
Firmware File:
C:/Users/Administrator/Desktop/光电藏开模软件/FreeRTOS_Prj.bin
Browse...
Start Upgrade
Stop
Progress: 0%
0%
传输时间: 0.00 s
已完成: 0 / 0 页
Logs:
[10:55:05] Language switched to: English
惠州市翼飞智能科技有限公司
https://www.JFlight.cn/
10:55:42


Dock光电藏开模软件 V1.0.0
Settings
Help
Device Info:
Port:
COM26
Refresh
Firmware File:
C:/Users/Administrator/Desktop/光电藏开模软件/FreeRTOS_Prj.bin
Browse...
Start Upgrade
Stop
Progress: 0%
0%
传输时间: 0.00 s
已完成: 0 / 0 页
Logs:
[10:55:05] Language switched to: English
惠州市翼飞智能科技有限公司
https://www.JFlight.cn/
10:56:20


Settings
Help
Device Info:
Port:
COM26
Refresh
Firmware File:
C:/Users/Administrator/Desktop/光电藏开模软件/FreeRTOS_Prj.bin
Browse...
Start Upgrade
Stop
Progress: 100%
Transfer time: 14.10 s
Done: 216 / 216 pages
Logs:
Upgrade Comp...
Upgrade Successful
OK
惠州市翼飞智能科技有限公司
https://www.JFlight.cn/
10:59:01

4. After the upgrade is completed, the device will enter the Language Selection screen.

Short-press the scroll wheel to switch between Chinese and English.

After confirming the selection, press and hold the scroll wheel for approximately 3 seconds, then release. The device will automatically enter the main interface, completing the upgrade.

5. Software and firmware can be downloaded from the iFlight Technical Support Center.

IFLIGHT Technical Support Center

IFLIGHT INNOVATION TECHNOLOGY LIMITED

TEL：+86752-3866-695
Email：support@iflight.com
Website：www.iflight.com
ADD：6th Floor, Building B2, Galaxy IMC, Beixin Road, Zhongkai Avenue, Huizhou 516006, Guangdong, CHINA

Follow us for more information and support

Customer Support Service（Worldwide）

For any return or exchange of your iFlight product, please initiate the process by scanning the QR code or entering the link below to open a ticket with our iFlight customer support team. They will guide you through the necessary steps to confirm the processing of your request.

https://iflightrc.freshdesk.com/support/tickets/new.

Important

1.Before proceeding with any service request, please ensure that you have thoroughly read and understood our return and repair policy as outlined on our help center.

https://shop.iflight.com/help-center-aftersales.html

2.The maintenance cycle at the European repair center may be longer (Approximately 7-14 working days).
3. Do not send in freight collect.
4. Activated drones or opened packages will not be accepted as return!
5. Please make sure and confirm with our iFlight support in advance if we are able to repair or need to do a complete replacement (for example water damage, fire etc)
6. Please make sure you send back all the spare parts and original accessories that came with the order.

Repair Center Instructions

If you have already confirmed the repair with iFlight or the repair center, please follow the guidelines from the respective repair center before sending out the repair package.

1. **European Repair Center**: Please follow the steps on page 4 .
2. **U.S. Repair Center**: Fill out the "U.S. Repair Center" form on page 5 and include the form in the package when sending it out.

iFlight USA Technical Support

Patrick Byars
5520 James Street SE
Lacey, WA 98513
Phone: (408) 386-1400
Email: patrick.byars@iflight-rc.com

iFlight Europe Repair Shop

Patrick Klimek
Email: service@iflight-rc.eu
Phone number: +43 681 204 21 204

Repair Application—European Repair Center

Please submit a repair ticket through the following link. This will ensure that our maintenance staff can promptly follow up on your repair matters.

https://iflight-rc.eu/pages/request-a-repair

If you have any questions or concerns regarding repairs in Europe, please contact them through the following channels:

Email: service@iflight-rc.eu
Phone number: +43 681 204 21 204

Repair Application Form—U.S. Repair Center

<table>
<tr><td rowspan="2">Order information</td><td>Store name:</td><td>Order Number:</td></tr>
<tr><td>Ticket Number:</td><td>Phone number:</td></tr>
<tr><td>Customer name</td><td colspan="2"></td></tr>
<tr><td rowspan="3">Shipping Address:
Detailed address
is needed!</td><td colspan="2">Street address:</td></tr>
<tr><td colspan="2">City: State:</td></tr>
<tr><td>Postal zip code:</td><td>Country:</td></tr>
<tr><td>Email Address:</td><td colspan="2"></td></tr>
<tr><td>Return/Repair
Parts:</td><td colspan="2"></td></tr>
<tr><td>Tracking No.</td><td colspan="2"></td></tr>
<tr><td>Warranty or not</td><td colspan="2">☐ Warranty ☐ at own expense</td></tr>
</table>

Service information ☐ **Repair** ☐ **Exchange** ☐ **Return** ☐ **Refund**

Needs to be confirmed with iFlight before shipment