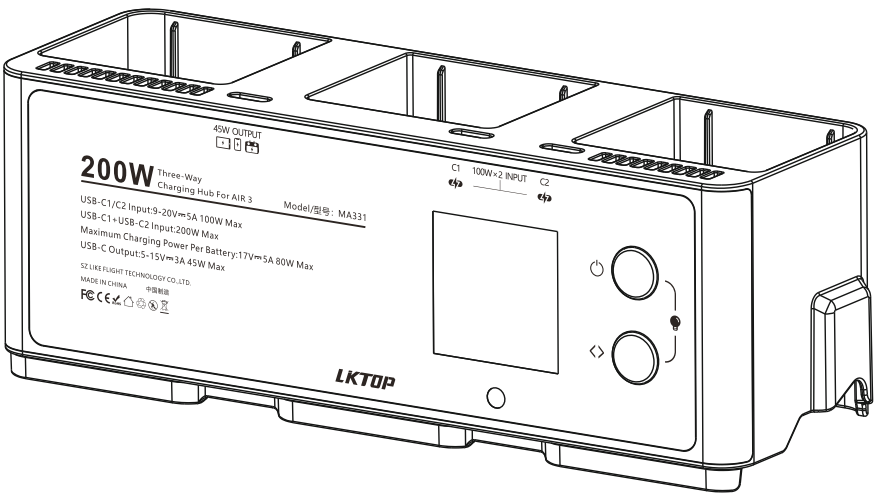
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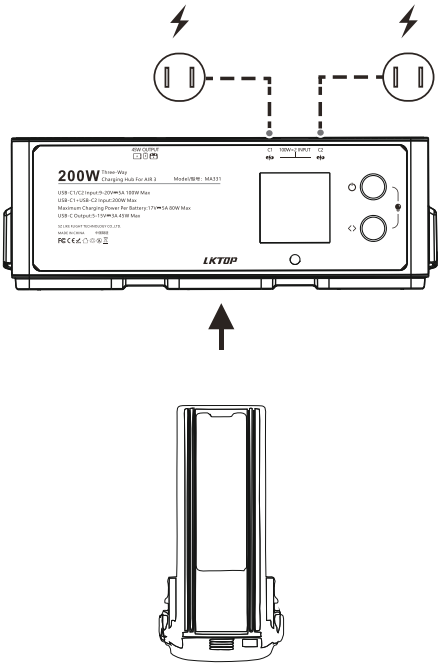
Three-Way Charging Hub For Air 3

User Manual

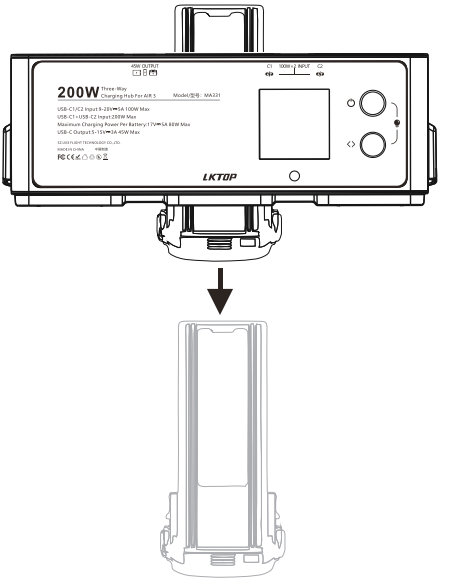
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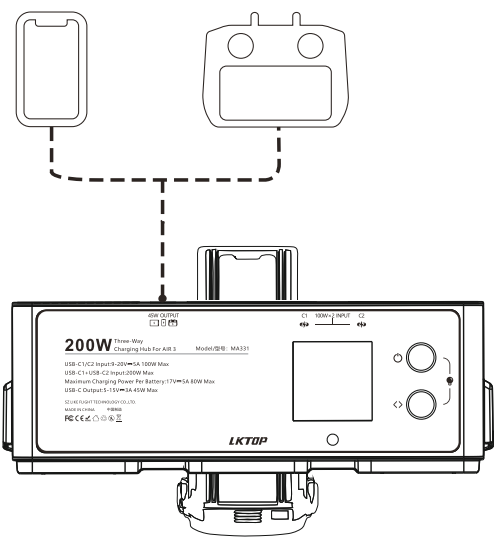
A1



A2



B



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Disclaimer

Thank you for purchasing the LKTOP 200W Three-Way Charging Hub For Air 3 (hereinafter referred to as the "charging hub"). Before using the charging hub, please carefully read this disclaimer. Once you use this product, it will be considered as an acknowledgment and acceptance of all the contents of this disclaimer. Please strictly follow the instructions in this manual when using this product, and pay attention to the precautions. LKF shall not be responsible for any direct or indirect losses and injuries caused by improper use by users (including but not limited to: charging batteries not designated for this product, causing short circuits, overheating, foreign object entry, touching terminals with hands or nearby objects, etc.).

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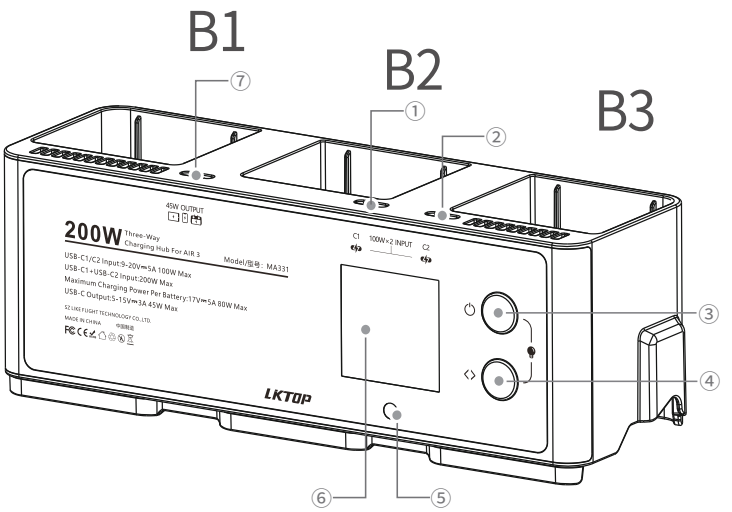
Product Usage Guidelines

· Before using this product, carefully read and follow all safety and compliance instructions in this document and related to this product.
· Do not use the charging hub in direct sunlight, rain, or damp environments.
· Keep the charging hub away from heat sources, high voltage, water, flammable gases, corrosive substances, and other hazardous items.
· In case of a fire, use a dry powder fire extinguisher for extinguishing; using liquid fire extinguishers may pose an electric shock risk.
· Prohibit the use of the charging hub during thunderstorms or lightning storms.
· Keep the interior of the charging hub dry; avoid exposure to water, oil, or other liquids.
·Do not block the ventilation ports of the charging hub during charging; ensure proper ventilation and heat dissipation.
· During charging, keep away from flammable materials, and do not place the charging hub or batteries on carpets for charging.
· The charging hub is only suitable for charging Air 3 batteries; do not charge batteries of other models.
· Place the charging hub on a stable surface during use and pay attention to insulation and fire prevention.
· Do not touch the metal terminals of the battery interface with hands or other objects. If foreign objects adhere to the metal terminals, wipe them clean with a dry cloth while the power is off.
· Ensure proper alignment of the battery interface with the charging hub interface before gently pressing to insert, as improper insertion may damage the battery.
· After charging is complete, promptly remove the battery, remote controller, phone, etc.
· Use the charging hub in an environment with a suitable temperature (recommended 5℃ to 40℃).
· Do not insert the power cord into the USB-C output interface.
· When moving or carrying the charging hub, do not pull or tug on the power cord.
· The minimum power input for the charging hub USB-C is 18W. Please ensure that the power of the external adapter is greater than 18W
· Before use, ensure that the battery interface, charging hub interface, battery surface, and charging hub battery compartment surface are dry and free of water before inserting the battery into the charging hub.
· Prohibit disassembling or damaging the charging hub in any way.

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Product Introduction

The LKTOP 200W Three-Way Charging Hub For Air 3 is a multifunctional charging hub that integrates charging, discharging, storage, collection, equalization, mobile power, lighting, and emergency alert functions into one device. It can simultaneously charge three DJI Air 3 intelligent flight batteries (BWX233-4241-14.76). With a maximum supported input power of 200W, the charging hub can also function as a power bank when connected to intelligent flight batteries, providing USB-C output for charging remote controllers or smartphones. The LED lighting and emergency alert functions offer reliable support and convenience for outdoor adventures, emergency rescue operations, night flights, and other scenarios.



①USB-C1 Input Port ②USB-C2 Input Port ③Function Button ④Switch Button
⑤LED Light ⑥LED Display Screen ⑦USB-C Output

Function	Operating Steps
Power On/Off	Press and hold the function button for 3 seconds.
Battery Level Check	Insert the battery, and you can check the current battery level on the LED display screen.
Battery Information Check	Insert the battery, and short-press the function button to view battery information such as voltage, battery level, temperature, cycle count, etc. on the LED display screen.
LED Light Illumination	While the charging hub is turned on, simultaneously short-press the function button and the switch button. Select "💡" by short-pressing the function button to turn on the LED light. To deactivate, simultaneously short-press the function button and switch button again.
Emergency Alert	While the charging hub is turned on, simultaneously short-press the function button and the switch button. Select "🚨" by short-pressing the function button to turn on the LED light. To deactivate, simultaneously short-press the function button and switch button again.
Charging Mode	During the charging process, press the function key briefly to access the 100% standard mode, 60% storage mode, and 95% fast charge mode interfaces. Short press the toggle key to select any mode, and press the function key briefly to confirm.
Discharging Mode	Without connecting an external power source, insert the battery and long-press the function key to enter the power bank output mode, collection mode, and equalization mode interfaces. Press the toggle key briefly to select any mode, and press the function key briefly to confirm.

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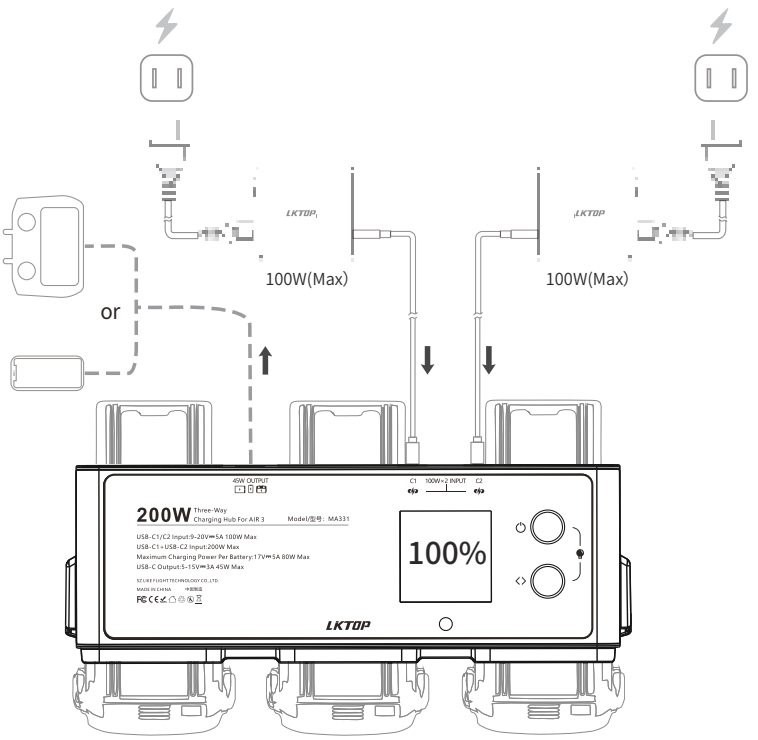
Product Usage Instructions

· Charging the Intelligent Flight Battery

This manual provides charging examples using the LKTOP 200W Three-Way Charging Hub For Air 3 and the DJI Air 3 Intelligent Flight Battery (BWX233-4241-14.76). The DJI Air 3 Intelligent Flight Battery is used in conjunction with the charging hub and can charge up to three DJI Air 3 Intelligent Flight Batteries simultaneously.

· Standard Charging Mode (100%) Charging Steps

1. Connect the charging hub and adapter to an AC power source (it is recommended to use a 100W adapter with a 100W USB-C cable, connect to C1 and C2 respectively to achieve a maximum input power of 200W. Please use the specified adapter and power cable for charging).
2. Connect the battery to the charging hub.
3. During the charging process, the Intelligent Flight Battery's charge level indicator will cycle flash, and the LED display will show the current battery level.
4. When the charge level indicator stops flashing, it indicates that the Intelligent Flight Battery is fully charged. Please unplug the battery and adapter promptly.



⚠ ·The LKTOP 200W Three-Way Charging Hub For Air 3 will intelligently detect the battery levels and prioritize charging the batteries with higher remaining capacity.

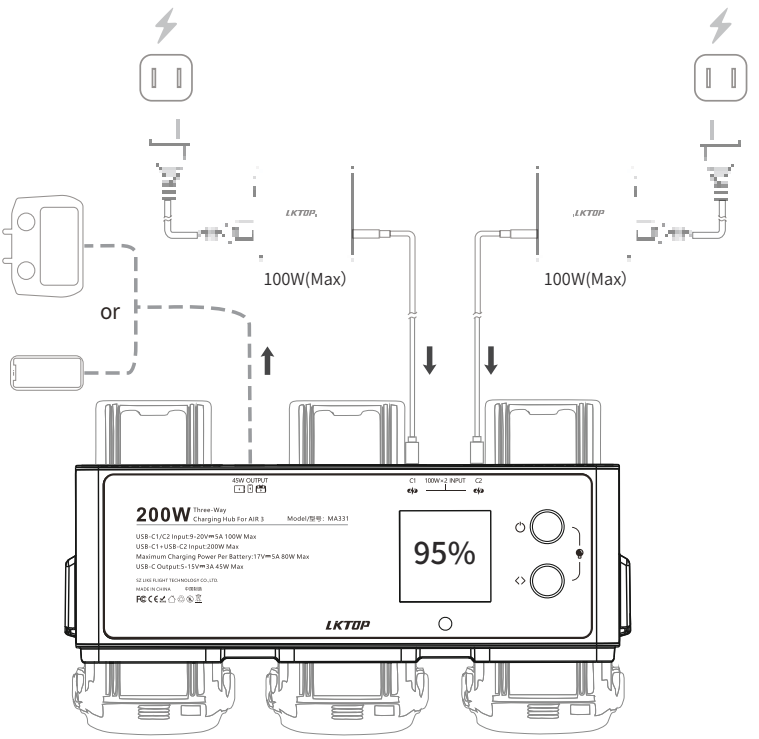
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Product Usage Instructions

· Fast Charging for Intelligent Flight Battery

· Fast Charging Mode (95%) Charging Steps

1. Connect the charging manager and adapter to the AC power source (it is recommended to use two 100W adapters paired with a 100W USB-C data cable, connected to C1 and C2 respectively, to achieve a maximum input power of 200W. Please ensure using adapters and power cables that match the specifications for charging).
2. Connect the battery to the charging hub.
3. Press and hold the function button for 3 seconds, then press the switch button to select the " 95% " icon to enter fast charging mode.
4. After the device is fully charged, please promptly unplug the battery, remote controller, and any other external devices.



⚠ · Fast Charging Mode: Charge each battery to 95% capacity. The time to charge the first battery to 95% is approximately 40 minutes.

· The above charging test data was obtained in a laboratory environment using the LKTOP 100W USB-C Power Adapter under ambient temperature of 25℃, for reference only.

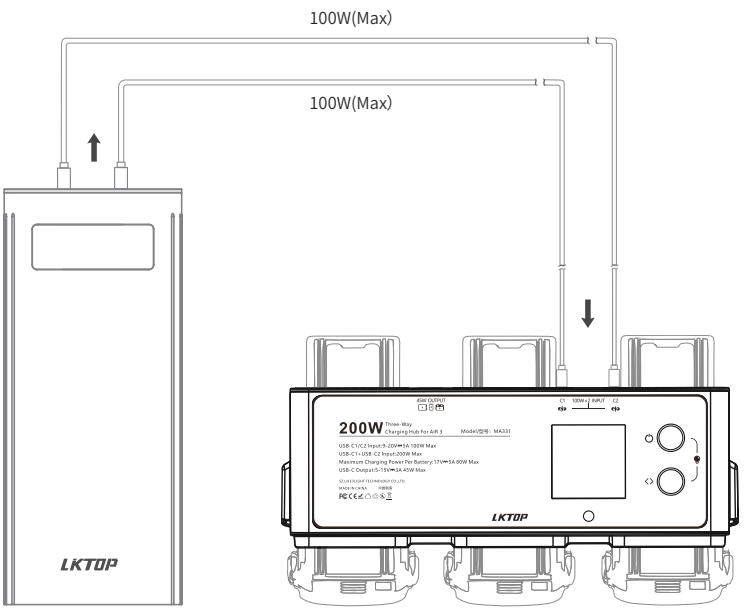
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Product Usage Instructions

· Charging the Intelligent Flight Battery with LKTOP POWER K1

· Charging Steps

1. Connect the charging hub and data cable to LKTOP POWER K1 (it is recommended to use a 100W USB-C cable, connect to C1 and C2 respectively to achieve a maximum input power of 200W).
2. Connect the battery to the charging hub.
3. After the battery is fully charged, please promptly disconnect the battery from the data cable.



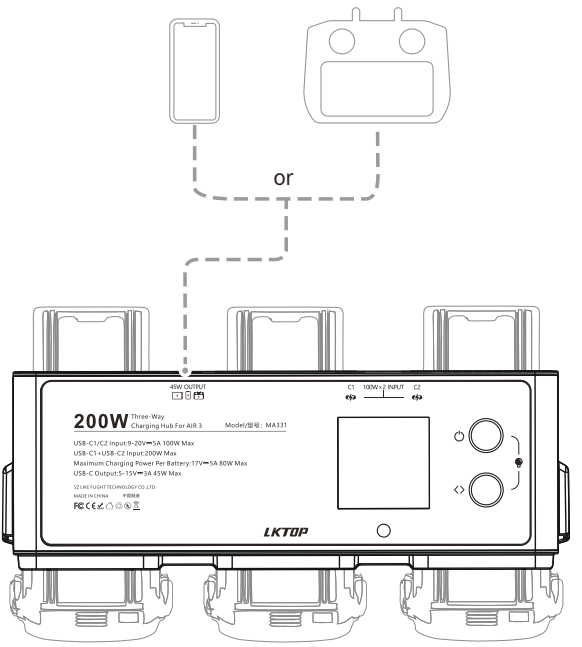
⚠ · The capacity of LKTOP POWER K1 is equivalent to 2.6 Air 3 batteries.
· The above charging test data was obtained in a laboratory environment using LKTOP POWER K1 under ambient temperature of 25℃, for reference only.

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Product Usage Instructions

· Discharging Steps

1. Do not connect USB-C input power.
2. Connect the battery to the charging hub.
3. Press and hold the function button for 3 seconds, then short press the toggle button in the startup interface to select the " " icon, and press the function button to enter discharge mode. Connect the USB-C output interface of the charging hub to external devices such as remote controllers or mobile phones.
4. After the device is fully discharged, please promptly unplug the battery, remote controller, and any other external devices.



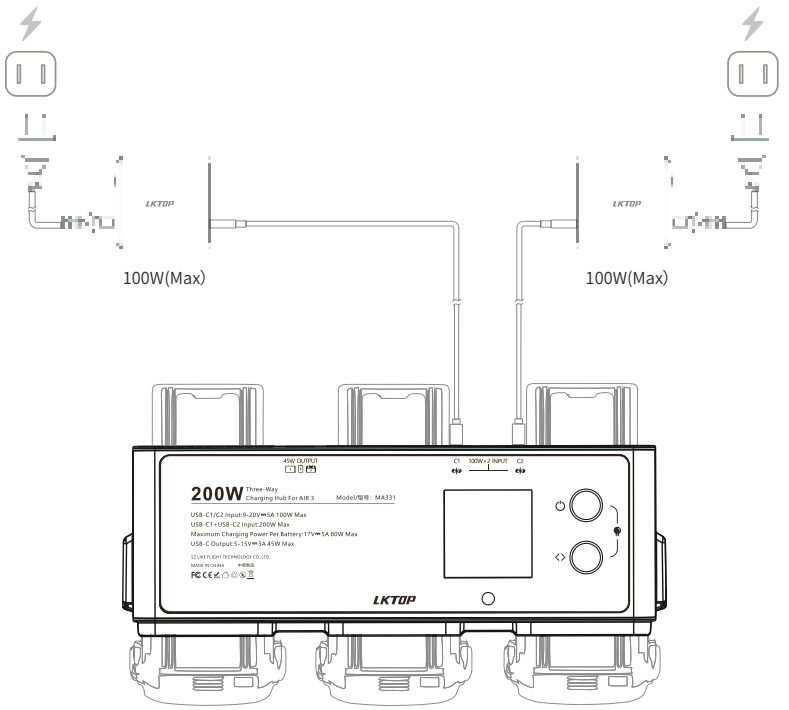
⚠ · When using the LKTOP 200W Three-Way Charging Hub For Air 3 to use the Intelligent Flight Battery as a mobile power source for charging external devices, the USB-C interface can provide a maximum power output of 45W.
· When not using it as a power bank to charge external devices, be sure to turn off the Intelligent Flight Battery switch and unplug the battery. (Short press the battery switch once, then press and hold the battery switch for more than 2 seconds to turn on/off the Intelligent Flight Battery.)
· After using the discharge function, be sure to promptly charge the low battery to avoid over-discharge.

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Product Usage Instructions

· Storage Steps

1. Connect the charging hub and adapter to an AC power source (It is recommended to use a 100W adapter with a 100W USB-C cable, connecting to C1 and C2 respectively, to achieve a maximum input power of 200W. Please ensure the use of appropriately rated adapters and power cables for charging).
2. Connect the battery to the charging hub.
3. Press and hold the function button for 3 seconds, then short press the switch button in the startup interface to select the " 60% " icon. Press the function button to enter storage mode.
4. Once all batteries reach the storage mode charge level, please promptly unplug the respective devices.



⚠ · The LKTOP 200W Three-Way Charging Hub For Air 3 will intelligently detect battery levels, prioritizing charging batteries with higher remaining capacity.

· The charging hub's storage mode is set to 60% of the battery capacity. Charging will automatically stop when the battery reaches 60%, achieving the storage effect.

· In storage mode, batteries with an initial charge level higher than 60% will not be charged.

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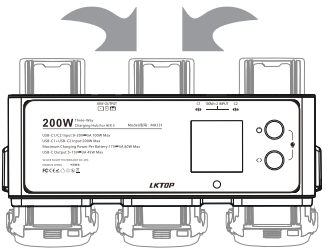
Product Usage Instructions

· Implementing the collection function for intelligent flight batteries

The collection function involves consolidating the charge from low-capacity batteries into the one with the highest remaining charge.

· Collection Procedure

1. Connect the battery to the charging hub.
2. Press and hold the function button for 3 seconds, then short press the switch button on the startup interface to select "" and press the function button to enter the collection mode.
3. Wait for the device to power off (when the intelligent flight battery is fully charged or the output battery discharge is complete), and promptly unplug the corresponding devices.



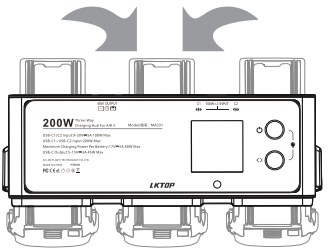
⚠ · Collection will automatically stop under the following conditions:
a. When the receiving battery is fully charged or the output battery's charge is less than 5%.
b. When a charger or external device is connected to the charging hub during the collection process, or when any battery is inserted or removed.
c. When the battery temperature anomaly causes the collection to be interrupted for more than 15 minutes.
· After using the collection function, it is essential to promptly charge the low-capacity batteries to avoid over-discharging.

· Perform battery equalization function on intelligent flight batteries

The battery equalization function involves redistributing the charge from batteries with higher capacity to those with lower capacity to ensure uniform battery levels.

·Steps for battery equalization

1. Connect the batteries to the charging hub.
2. Press and hold the function key for 3 seconds, then short press the switch key on the startup interface. Select the "" function key to enter the battery equalization mode.
3. Wait for the devices to power off (ensuring consistent battery levels among intelligent flight batteries), and then promptly disconnect the respective devices.



⚠ Battery equalization will automatically stop under the following circumstances:
a. After completion of the battery equalization function.
b. During the battery equalization process, connecting a charger or external device to the charging hub, or inserting/removing any battery.
c. Battery temperature abnormalities result in equalization interruption for over 15 minutes.

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Product Usage Instructions

· Using the APP to operate the charging hub

· Operating Steps

1. Scan the QR code on the right to download the "Polying" APP.
2. Insert the batteries into the charging hub, press and hold the function key for more than 3 seconds to power on.
3. Open the "Polying" APP and log in. Bring your phone close to the running device to start connecting your phone (you can follow the on-screen prompts to click the button to select binding or unbinding).
4. Operate the desired functions as needed.

For more information, please follow
LKTOP Official Website: WWW.LKTOP.CN

Product Specifications

Product Model:	MA331
Compatible Battery Model:	DJI Air 3 Intelligent Flight Battery (BWX233-4241-14.76)
Operating Temperature:	5℃-40℃
USB-C1/C2 Input:	9-20V⎓5A 100W Max
USB-C1+USB-C2 Input:	200W Max
USB-C Output:	5-15V⎓3A 45W Max
USB-C1/C2 Protocol:	C-port input supports PD fast charging protocol, with a power greater than 18W
Maximum Charging Power per Battery :	17V⎓5A 80W Max
Product Dimensions:	Approximately 164×61×52 mm (main unit)
Package Dimensions:	Approximately 173×65×55mm
Product Weight:	Approximately 158g (excluding the weight of cables)
Recommended Power Adapters:	LKTOP 100W Desktop Charger, LKTOP 100W GaN Fast Charger LKTOP 100W GaN Multi-port Charger, LKTOP 65W Portable Charger DJI 100W Desktop Charger, DJI 65W Portable Charger DJI 65W Car Charger
Charging Time:	With 2 LKTOP 100W USB-C Power Adapter
	Fast Charge Mode (charge up to 95%) / Standard Mode (charge up to 100%)
	Approximately 40 min for the first battery / Approximately 50-60 min for the first battery
	Approximately 55 min for two batteries / Approximately 60-70 min for two batteries
	Approximately 60 min for three batteries / Approximately 70-80 min for three batteries

⚠ · The above charging times are obtained from charging tests with the charging hub paired with 2 LKTOP 100W USB-C Power Adapter, starting the charging test from an initial battery capacity of 0-10%.
· Charging test data is obtained in a laboratory environment (at room temperature of 25℃) and is for reference purposes only.
PS: The weights/dimensions shown on this page are manually measured and may have some deviation, which is considered normal and is provided for reference only.

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