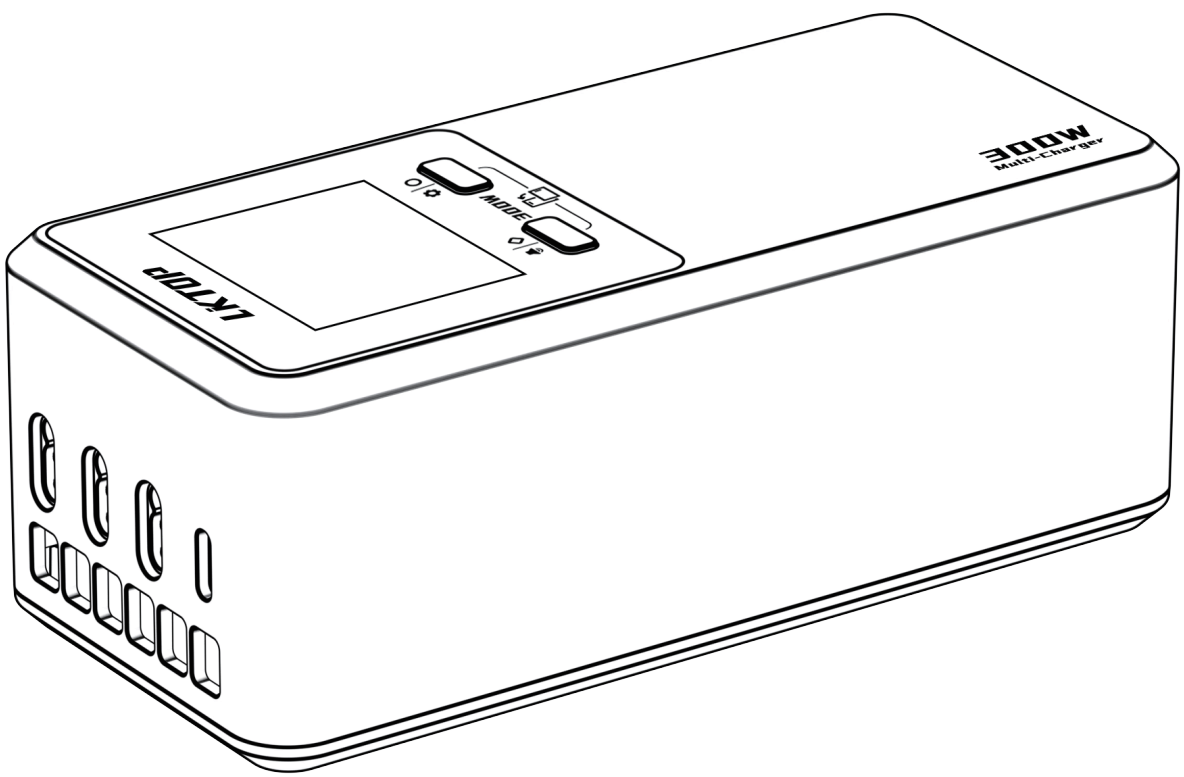
LKTOP

300W Three-Way Smart Charger (Multi-Charger)

User Manual

V1.0 2026.01



Disclaimers

Thank you for purchasing the LKTOP 300W Three-Way Smart Charger (Multi-Charger), (hereinafter referred to as the "charger"). Before using the charger, please read this statement carefully. Once using this product, it is considered 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. LKF is not responsible for any direct or indirect losses or injuries caused by improper use of the charger by the user (including but not limited to: charging batteries of non specified models, causing short circuits, heating, foreign objects entering the product, touching terminals with hands, etc).

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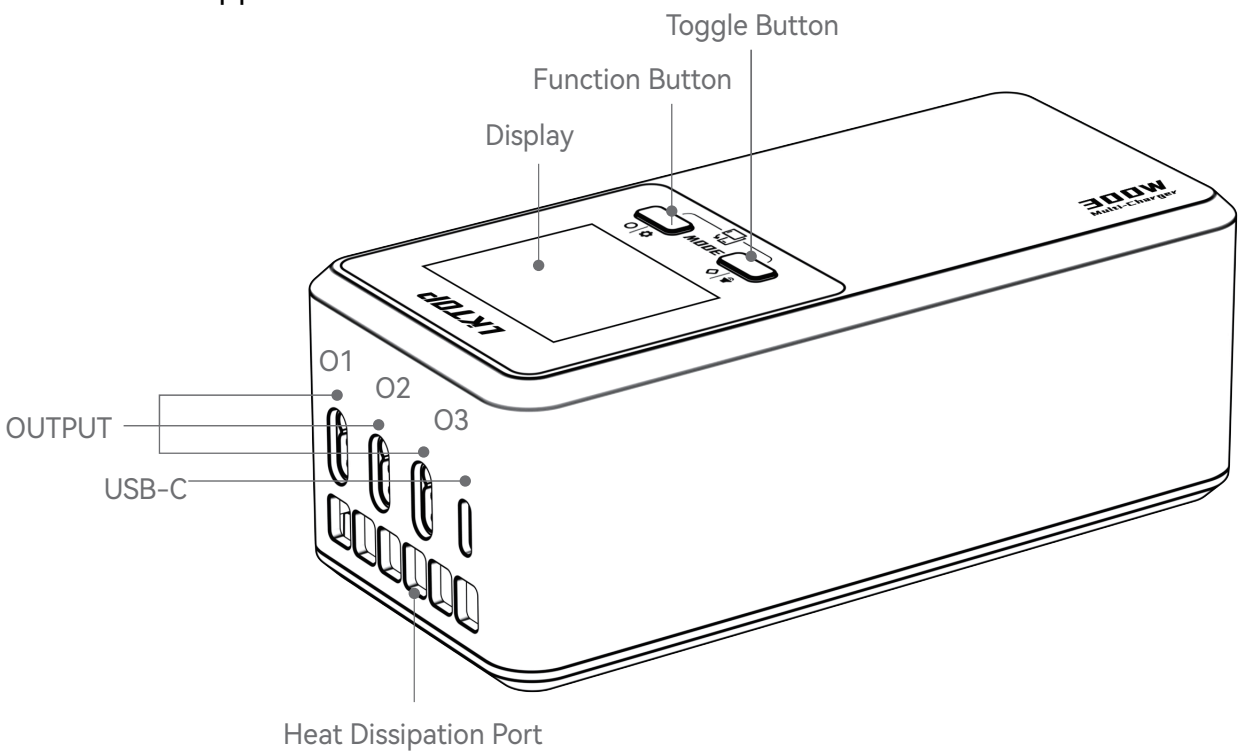
Precautions for product use

- 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 charger in direct sunlight, rain, or humid environments.
- The charger 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.
- It is strictly prohibited to use chargers during thunderstorms and thunderstorm weather.
- Keep the inside of the charger dry and do not allow water, oil, or other liquids to enter.
- Do not block the charger vent during charging to maintain ventilation and heat dissipation.
- When charging, please stay away from flammable materials and do not place the charger or battery on the carpet for charging.
- Please place the charger steadily and pay attention to insulation and fire prevention when using it.
- 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.
- Make sure to align the battery interface with the charger interface and gently insert it, otherwise it may cause battery damage.
- Do not unplug the AC power cord or battery charging cable during the charging process. After charging is complete, please unplug the battery, remote control, phone, etc. in a timely manner.
- Be sure to use the charger at the appropriate ambient temperature (recommended 5 ℃ to 40 ℃).
- This product supports AC input, and USB-C only supports output on the premise of AC input.
- Do not pull or tug on the power cord of the charger when moving or transporting it.
- The charger's AC power cord is 4A, please ensure that the external AC power current is greater than 4A.
- Before use, please ensure that the battery interface, charger interface, and battery surface are dry and free of water before connecting the battery to the charger.
- Do not disassemble or damage the charger in any way.

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Product Introduction

The LKTOP 300W Three-Way Smart Charger (Multi-Charger)is an all-in-one device that combines charging, storage, and fast-charging functions. With a maximum output power of up to 300W, it can simultaneously charge three intelligent flight batteries and supports firmware upgrades via a connected mobile app.



O1/O2/O3	Battery charging interface Adapt different batteries according to the wire (This article takes DJI Matrice 4D series batteries as an example)
USB-C	Charging interface for remote control or other devices such as mobile phones that support USB-C PD protocol
Display	Display information such as voltage, battery level, temperature, and number of cycles. Press and hold the function Button+switch Button for more than 3 seconds to rotate the screen
Toggle Button	Short press: mode selection (Full Charge/Fast Charge/Storage Mode) Long press for more than 3 seconds: prompt sound on/off
Function Button	Short press: Confirm current selection Long press for more than 3 seconds to enter menu mode

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60% Storage Mode:	During the charging process, press and hold the function Button for more than 3 seconds, then briefly press the toggle key to select "  ". Press the function Button to enter the 60% Storage Mode. Note: In 60% Storage Mode, the charging process will automatically stop when the battery level reaches approximately 60%. If the initial battery level is above 60%, no charging will be performed.
95% Fast Charge Mode:	During the charging process, press and hold the function key for more than 3 seconds, then briefly press the toggle key to select "  ". Press the function key to enter the 95% Fast Charge Mode. Note: After enabling the 95% mode, the charging process will automatically stop when the battery level reaches 95%.
100% Silent Mode:	During charging, long-press the function button for more than 3 seconds, then short-press the switch button to select the option. Press the function button again to enter 100% Silent Mode. Note: Note: After enabling 100% Silent Mode, the maximum output power under this mode is 150W, and the charging duration will be prolonged accordingly.
100% Full Charge Mode:	The 100% Full Charge Mode is enabled by default during the charging process. Note: The mode defaults back to the 100% Full Charge Mode after the AC interface is powered off.

Product Instructions

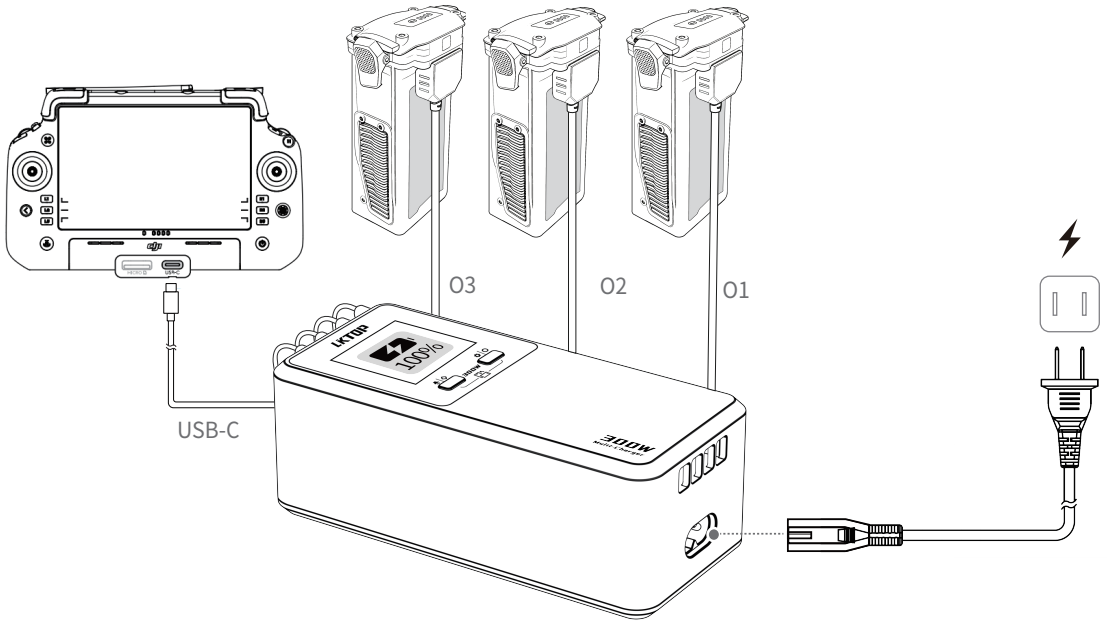
· Charging the intelligent flight battery

This manual uses the LKTOP 300W Three-Way Smart Charger(Multi-Charger) in conjunction with an intelligent flight battery for charging examples. The intelligent flight battery can be used in conjunction with a charger to connect up to three intelligent flight batteries for simultaneous charging.

· 100% Full Charge Mode Charging Steps:

1. Connect the battery and remote controller to the charger separately while the intelligent flight battery is turned off.
2. Connect the charger to an AC power source (100V-240V, 50Hz/60Hz); please use a power cord that is compatible with the specifications for charging. If necessary, please use Power conversion plug).
3. The intelligent flight battery level indicator light will flash repeatedly while charging, and the display screen will indicate the current battery level.
4. After the device is fully charged (when the smart flight battery is fully charged, the battery indicator light will all turn off), please unplug the corresponding device in a timely manner and turn off the charger power.

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⚠ · The LKTOP 300W Three-Way Smart Charger(Multi-Charger) will intelligently detect the battery level and allocate higher power to the high battery for charging, while intelligently allocating remaining power to the other two batteries and dynamically adjusting the power of each battery to ensure faster charging speed. After plugging and unplugging the battery, it will intelligently detect the battery level again and redistribute power.

· When charging three batteries, the USB-C output power prioritizes battery charging and allocates a maximum of 12W power. As the battery is fully charged, the output power of the USB-C interface gradually increases until it reaches a maximum of 100W.

· Charging the intelligent flight battery

· Charging Steps for 100% Silent Mode:

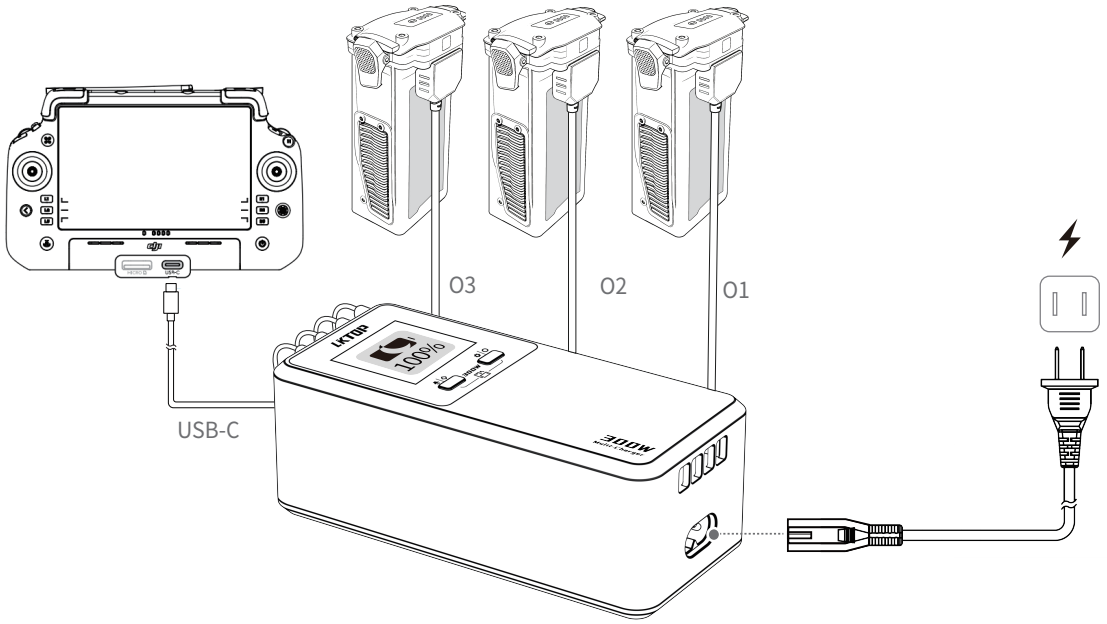
1.With the intelligent flight battery turned off, connect the battery and the remote controller to the charger respectively.

2.Connect the charger to an AC power source (100V–240V, 50Hz/60Hz). Note: Use a power cord that meets the specifications for charging. Use a power adapter if necessary.

3.Long-press the function button for more than 3 seconds, then short-press the switch button to select the option “ 100% ”. Press the function button again to enter the 100% Silent Mode.

4.Wait until the devices are fully charged (all the battery level indicators will turn off when the intelligent flight battery is fully charged), then disconnect the corresponding devices in a timely manner and turn off the power supply of the charger.

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⚠ · In Silent Mode, the rotation speed of the cooling fan is reduced, which significantly lowers the noise level and better meets the needs of nighttime charging.

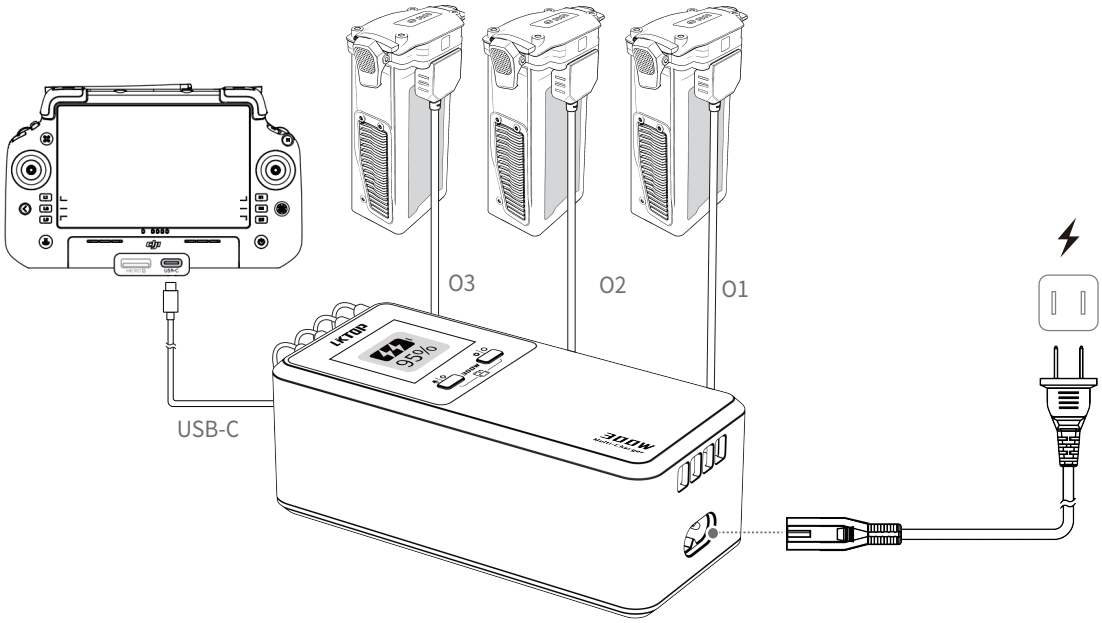
· The maximum output power in this mode is 150W, and the charging time will be prolonged accordingly.

· Charging the intelligent flight battery

· 95% Fast Charge Mode Charging Steps:

1. Connect the battery and remote controller to the charger separately while the intelligent flight battery is turned off.
2. Connect the charger to an AC power source (100V-240V, 50Hz/60Hz); please use a power cord that is compatible with the specifications for charging. If necessary, please use Power conversion plug).
3. Long press the function Button for more than 3 seconds, short press the switch key, select " 95% " and press the function Button to enter the 95% Fast Charge Mode.
4. When the power indicator light stops flashing, it indicates that the smart flight battery is fully charged. Please unplug the corresponding device in a timely manner and turn off the charger power.

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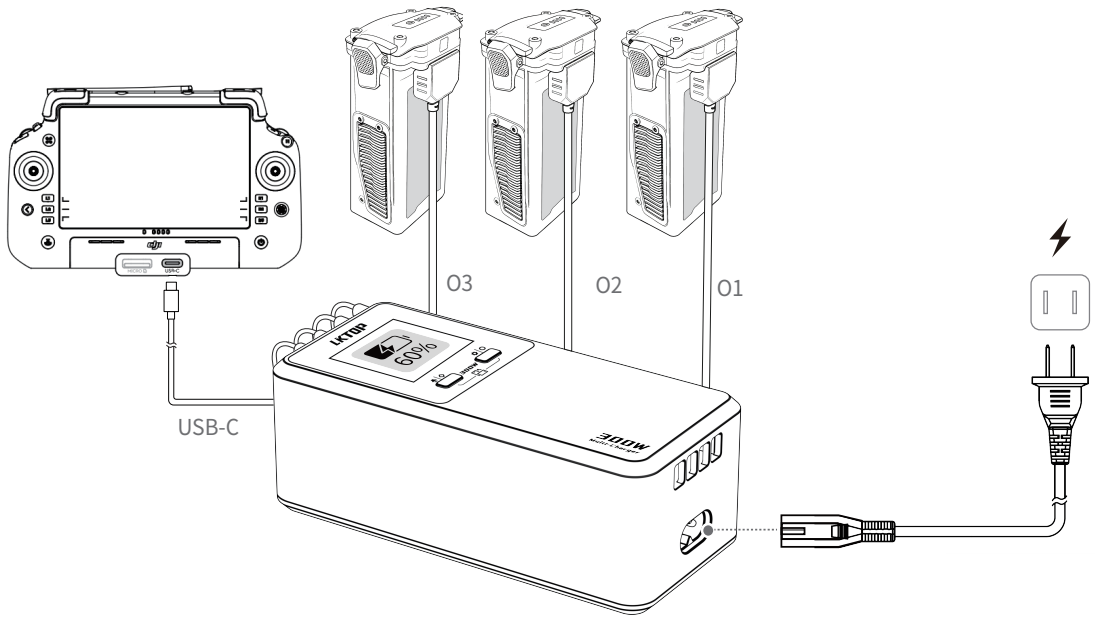


⚠ · After enabling the 95% Mode, the charging manager will automatically stop charging when the battery level reaches 95%.

· Storage mode charging steps

1. Connect the battery and remote controller to the charger separately while the intelligent flight battery is turned off.
2. Connect the charger to an AC power source (100V-240V, 50Hz/60Hz); please use a power cord that is compatible with the specifications for charging. If necessary, please use Power conversion plug).
3. Long press the function Button for more than 3 seconds, then short press the switch button on the startup interface to select " 60% ". Press the function key to enter storage mode.
4. After all batteries reach the storage mode capacity, please promptly unplug the corresponding device and turn off the charger power.

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⚠ · The storage mode of the charger is set to about 60% of the battery power, and charging will stop when the battery power reaches about 60% to achieve the storage effect.
· Storage mode: When the battery is below 60%, it stops charging until it reaches 60%, and when the battery is above 60%, it does not charge.

Product Instructions

· APP operation steps

1. Scan the QR code on the right to download the "Polying" app.
2. Insert the AC power cord, connect the charger to the battery, and connect the charger to an AC power source (100V-240V, 50Hz/60Hz).
3. Open the "Polying" app and log in, click on the + icon in the upper right corner (please add the corresponding app icon
After bringing the phone close to the running device, start connecting the phone (please ensure that the Bluetooth of the phone is turned on before connecting, and pay attention to the prompt message. You can click the button according to the interface prompt to select binding or unbinding).
4. During the process of connecting the phone, lightly touch the touch switch and select 'bind'.
5.Click on the icon to enter the device interface APP and operate the required functions (the APP can view charging parameters in real time and adjust modes).
6. The firmware can be upgraded in real-time.

For more information, please follow
LKTOP official website：WWW.LKTOP.CN

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Product Specifications

Product Name:	LKTOP 300W Three-Way Smart Charger (Multi-Charger)
Product Model:	UC363
Applicable Battery Model:	2S - 6S Drone Intelligent Flight Battery (Please refer to the support list we have released one after another for specific details)
Working Temperature:	5℃- 40℃
AC Input Voltage:	100V-240V～4A 50Hz/60Hz
MR30 (O1/O2/O3) Output:	5V -27V⎓0.2-10A 270W Max
USB-C Output:	5V⎓3A, 9V⎓3A, 12V⎓3A, 15V⎓3A, 20V⎓5A, PPS:5V-21V⎓3A
Product Size:	152 x 71 x 58 mm
Product Weight:	510g±5g(excluding wire weight)
Packaging Size:	170 x 140 x 64 mm
Charging Time:	In full charge mode (charging to 100%) The first battery takes about 45 minutes Two batteries for about 80 minutes Three batteries for about 95 minutes The charging time depends on the battery model (Using DJI Matrice 4D Series Batteries)

*270W is the maximum power supported by a single channel charger, and the actual charging power depends on whether the battery supports it. The charging time was tested in a laboratory environment at 25 ℃ and is for reference only.

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. Please refer to the actual product for details.

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please contact us via the following email:
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