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› LKTOP 100WH Portable Power Station for DJI Drones - Instruction Manual

LKTOP Power Station

LKTOP 100WH Portable Power Station for DJI Drones - Instruction Manual

Model: Power Station

INTRODUCTION

The LKTOP 100WH Portable Power Station is designed to provide reliable and efficient power for your DJI drones, charging hubs, controllers, and other electronic devices. With a robust 27000mAh capacity and advanced 21700 steel-shell battery cells, this power station ensures your devices remain charged during outdoor activities, photography sessions, and live streaming events. Its compact design and multiple output ports make it a versatile companion for any adventure.

WHAT'S IN THE BOX

- LKTOP Drone Power Station for DJI × 1
- USB-C to USB-C Cable × 1
- Wrist Lanyard × 1
- Instructions × 1

PRODUCT OVERVIEW

Drone Power Station

for DJI Drones/Charging Hub/Controller/Camera



Bidirectional
Fast Charging



Specialized for
Drone Photography



Stable Power



LED



LCD Screen



AC x 1
100W Max



USB-C x 2
(C1: 140W Max; C2: 36W Max)



USB-C x 2

27000mAh

100W



Image: The LKTOP Drone Power Station displayed alongside various compatible DJI drone models, charging hubs, controllers, and camera accessories, illustrating its wide range of applications.

Ports and Output Power

- **USB-C1:** 140W Max (specifically for drones)
- **USB-C2:** 36W Max
- **USB-A1/A2:** 18W Max
- **AC Outlet:** 100W Max (specifically for drones, combined total 160W Max)

LCD Display Screen

The integrated LCD screen provides real-time information on battery status, current charging power, and output power, allowing for easy monitoring of the device's performance.

Super Fast Charging Devices × 5



Output Charging

Power-on:
(same as DJI Drones)
short+long press > 2s



LCD Screen Display

Battery Level/Charging Power
/Output Power



| Port | Power |
|-----------|-------|
| INPUT W | 90 |
| OUTPUT KW | 92 |

Image: A detailed view of the power station's LCD screen, displaying input/output wattage and current battery percentage, along with port indicators.

LED Lights

The power station includes a high-brightness LED light with multiple modes for emergency lighting, enhancing safety during nighttime outdoor activities.

Input Charging for Power Station



LED Lights



Image: The power station is shown being charged from a wall outlet, with an inset demonstrating the activation and brightness adjustment of its integrated LED lights, useful for camping.

COMPATIBILITY

The LKTOP Power Station is compatible with a wide range of DJI drones and accessories, as well as other electronic devices. It supports various Power Delivery (PD) protocols.

Compatible Devices:

- DJI Mavic 4 Series Drone (approx. 1hr 55min charge)

- DJI Mavic 3 Series Drone (approx. 1hr 10min charge)
- DJI Air Series Drone (approx. 1hr charge)
- DJI Mini Series Drone (approx. 57min charge)
- DJI Flip Drone (approx. 70min charge)
- DJI Neo Drone (approx. 50min charge)
- LKTOP/DJI Charging Hubs (various models)
- DJI Remote Controllers (approx. 2hr - 2hr 40min charge)
- Other devices: Camping Lights, Cameras, Projectors, Audio devices, Live Sound Cards, Fans, Electric Caldrons, Car Refrigerators.

Wide Compatibility



About **2-3** times
Drone



About **2-3** times
remote controller



About **7-11** times
Action camera



About **2.2** times
Camera



About **1** hour
Projector



About **5.7** hour
Audio



About **6** hour
Live Sound Card



About **3** hour
Fan



About **6** hour
Camping Light



About **0.5** hour
Electric Caldron



About **2-3** hour
Car Refrigerator

*Supports DCP/AFC/FCP/SCP/PD3.0/PD3.1/QC3.0/QC3.0+ and other protocols.

220V~0.45A 50Hz ≤100W

*99% of devices below 100W are supported.



Appliances over 100W (watts) or with continuously amplifying power are not supported



Electric Kettle



Induction Cooker



Microwave Oven



Air Blower



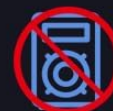
Electric Scooter



Electric Vehicle



Bread Maker



220V Audio System

Image: An infographic detailing the compatibility of the LKTOP Power Station with various devices, including drones, remote controllers, action cameras, and other outdoor electronics, along with estimated charging capacities.

Unsupported Appliances:

Appliances over 100W (watts) or with continuously amplifying power are not supported. This includes, but is not limited to: Electric Kettles, Induction Cookers, Microwave Ovens, Air Blowers, Electric Scooters, Electric Vehicles, Bread Makers, and 220V Audio Systems.

SETUP

1. **Unpack:** Carefully remove all items from the packaging. Verify that all components listed in the "What's in the Box" section are present.
2. **Initial Charge:** Before first use, fully charge the LKTOP Power Station. Connect the provided USB-C to USB-C cable to the power station's input port and a suitable power adapter (not included) to a wall outlet. The LCD screen will indicate charging progress.
3. **Familiarize Yourself:** Review the layout of the ports, buttons, and the LCD display as described in the Product Overview section.

OPERATING INSTRUCTIONS

Charging the Power Station

1. Connect the provided USB-C to USB-C cable to the power station's input port.
2. Connect the other end of the USB-C cable to a compatible power adapter (e.g., wall charger, car charger, or solar panel, sold separately).
3. The LCD screen will display the input power and charging progress. A full charge takes approximately 85 minutes.

Charging External Devices

1. **Power On:** Short press and then long press (for >2 seconds) the power button to turn on the power station.
2. **Connect Device:** Plug your device's charging cable into the appropriate output port (USB-C1, USB-C2, USB-A1/A2, or AC outlet) on the power station.
3. **Monitor:** The LCD screen will show the output power being delivered to your device.
4. **Disconnect:** Once your device is charged, disconnect it from the power station.
5. **Power Off:** Short press and then long press the power button to turn off the power station when not in use to conserve battery.

Video: This video demonstrates the LKTOP Drone Power Station's super fast charging capabilities for DJI drones and accessories, highlighting its efficiency and ease of use.

Video: A time-lapse video showcasing the LKTOP Drone Power Station's charging speed for multiple DJI drone batteries, illustrating its rapid charging performance.

Using the LED Lights

1. **Power On:** Long press the LED light button (usually located near the LED) for more than 2 seconds to turn on the light.
2. **Adjust Brightness/Mode:** Short press the LED light button in sequence to cycle through different modes: Steady On, Strobe, SOS, and Off.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the power station. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the power station in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to charge the battery to approximately 60% to prolong its lifespan.
- **Battery Care:** Avoid fully discharging the battery frequently. Recharge the power station regularly, even if not in active use, to maintain battery health.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|--|--|--|
| Power Station not turning on. | Battery is fully discharged. | Connect to a power source and charge for at least 15 minutes before attempting to power on. |
| Device not charging. | Incorrect port used, cable is faulty, or device is incompatible. | Ensure the correct port is used for the device's power requirements. Try a different cable. Verify device compatibility. |
| Power Station gets hot during use. | Normal operation under heavy load. | This is normal. Ensure adequate ventilation around the unit. If overheating persists or is excessive, discontinue use and contact support. |
| LCD screen not displaying information. | Power station is off or screen is in standby mode. | Press the power button briefly to wake the screen or turn on the power station. |

SPECIFICATIONS

- **Product Dimensions:** 6.89 x 2.68 x 2.05 inches
- **Item Weight:** 3.04 pounds
- **Battery Capacity:** 27000mAh / 97.2 Wh
- **Battery Type:** 21700 steel-shell battery cells
- **Input Voltage:** 110 Volts (AC)
- **Output Voltage:** 100 Volts (AC)
- **Charging Time:** Approximately 85 minutes (for full charge)
- **Color:** Black
- **Manufacturer:** Dongguan Junyuda Technology co.,ltd.

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided in your product packaging or visit the official LKTOP website. Keep your purchase receipt as proof of purchase for warranty claims.