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› UPBRIGHT 12V AC/DC Adapter Instruction Manual for ZF120A-1205000

UPBRIGHT ZF120A-1205000

UPBRIGHT 12V AC/DC Adapter Instruction Manual

MODEL: ZF120A-1205000

Brand: UPBRIGHT

1. Introduction and Overview

This manual provides essential instructions for the safe and effective use of your UPBRIGHT 12V AC/DC Adapter, model ZF120A-1205000. This adapter is designed to provide stable 12V DC power for compatible electronic devices, including various Yuneec drones and quadcopters. It features built-in safety protections to ensure reliable operation.

Key features include:

- **UL Listed:** Certified for safety standards.
- **Wide Input Voltage:** Supports 100-240VAC, 50/60Hz for global use.
- **Safety Protections:** Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP).
- **Output:** 12V DC, 5A, 60W.



Figure 1: The UPBRIGHT 12V AC/DC Adapter, showing the main unit, AC input cable, and DC output cable with a barrel connector. The label indicates model ZF120A-1205000.

2. Safety Information

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result

in electric shock, fire, or damage to the adapter or connected devices.

- **Compatibility:** Only use this adapter with devices that require 12V DC input and have a current draw of 5 Amps or less. Ensure the barrel connector type matches your device's input port.
- **Power Source:** Connect the adapter only to a properly grounded electrical outlet within the specified input voltage range (100-240VAC).
- **Environment:** Do not expose the adapter to water, moisture, or extreme temperatures. Use in a well-ventilated area.
- **Damage:** Do not use the adapter if the cables or housing are damaged. Do not attempt to open or repair the adapter.
- **Children:** Keep the adapter out of reach of children.
- **Protection Features:** The adapter includes Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP) to safeguard both the adapter and your connected devices.

3. Setup

1. **Verify Compatibility:** Before connecting, ensure your device requires a 12V DC input and uses a barrel-type connector. This adapter is compatible with devices such as Yuneec Typhoon G Quadcopter Q500/Q500 4K/Q500+ and Yuneec Mantis Q drones, among others, that match the specified voltage and connector.

UpBright New Global AC/DC Power Adapter Compatible with:

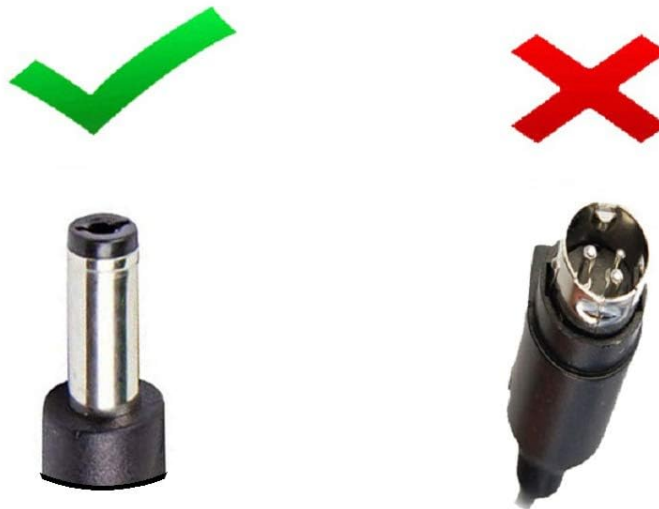
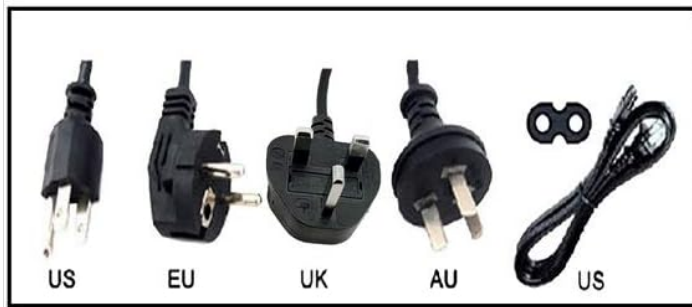


Figure 2: Illustration of the correct barrel plug type (left) compatible with this adapter, and an incompatible 4-pin connector (right).

2. **Select AC Power Cord:** The adapter comes with a suitable AC power cord for your region. Select the appropriate cord (e.g., US, EU, UK, AU) and connect it firmly to the adapter's AC input port.

Come With A Suitable AC Power Cord (Only One) to Fit Your Country/Area



THIS PRODUCT COMES WITH A UPBRIGHT®

LIMITED WARRANTY CERTIFICATE
+ UpBright® LIMITED WARRANTY

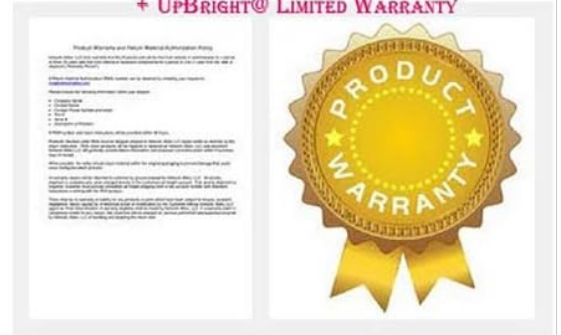


Figure 3: Examples of different AC power cords provided to fit various country/area electrical outlets.

3. **Connect to Power Outlet:** Plug the AC power cord into a standard wall outlet (100-240VAC).
4. **Connect to Device:** Carefully insert the DC barrel connector from the adapter into the power input port of your compatible device. Ensure a snug fit.

4. Operating Instructions

Once properly connected, the adapter will begin supplying power to your device. If your device has a charging indicator, observe it to confirm power delivery. The operation is automatic; no further user interaction is required for basic power supply.

- Ensure all connections are secure before powering on your device.
- Disconnect the adapter from the wall outlet when not in use for extended periods.

5. Maintenance

Proper maintenance ensures the longevity and safe operation of your adapter.

- **Cleaning:** Disconnect the adapter from both the power outlet and your device before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures. Avoid tightly coiling the cables to prevent damage.
- **Inspection:** Periodically inspect the adapter and cables for any signs of wear, cuts, or damage. If damage is found, discontinue use immediately.

6. Troubleshooting

If you encounter issues with your adapter, refer to the following troubleshooting steps:

- **No Power to Device:**

- Ensure the AC power cord is securely plugged into both the wall outlet and the adapter.
- Verify the wall outlet is functional by testing it with another device.
- Check that the DC barrel connector is fully inserted into your device's power port.
- Confirm that your device is compatible with a 12V DC, 5A power supply and uses the correct barrel connector type. Incorrect voltage or connector type can prevent operation or damage the device.

- **Adapter Overheating:**

- Ensure the adapter is used in a well-ventilated area and not covered.
- Verify that the connected device's power requirements do not exceed the adapter's 5A output capacity.

- **Device Damage:** If your device was damaged after connecting this adapter, immediately disconnect the adapter and consult your device's manufacturer. Ensure voltage and amperage compatibility before use.

7. Specifications

Feature	Specification
Model Number	ZF120A-1205000
Input Voltage	100-240VAC, 50/60Hz
Output Voltage	12V DC
Output Current	5 Amps
Output Wattage	60 Watts
Connector Type	Barrel Connector
Product Dimensions	6 x 3 x 2 inches
Item Weight	15.5 ounces
Safety Features	OVP, OCP, SCP Protection

8. Warranty and Support

This UPBRIGHT product comes with a limited warranty. UPBRIGHT offers a 30-day refund policy and a 24-month exchange policy for tested units in great working condition.



Figure 4: Representation of the UPBRIGHT Limited Warranty Certificate.

For warranty claims, technical support, or further assistance, please contact UPBRIGHT customer service through the retailer where the product was purchased or visit the official UPBRIGHT store page on Amazon: [UPBRIGHT Amazon Store](#).

For more information about this specific product, you can visit its Amazon product page:[UPBRIGHT 12V AC/DC Adapter \(B077MD7BL1\)](#).

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question