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› UPBRIGHT 12V AC/DC Adapter Instruction Manual for Lorex and FLIR Security Systems

UPBRIGHT Lorex BX1202500 12V2.5A30W Power Supply

UPBRIGHT 12V AC/DC Adapter Instruction Manual

Compatible with Lorex and FLIR Security Systems

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your UPBRIGHT 12V AC/DC Adapter. This power supply is designed to provide stable 12V DC power to compatible electronic devices, including various Lorex and FLIR DVR Security Systems and CCTV Cameras.

The adapter features a wide input voltage range (100-240VAC, 50/60Hz) for global compatibility and includes built-in safety protections: Over Voltage Output Protection (OVP), Over Current Output Protection (OCP), and Short Circuit Output Protection (SCP).



Image 1.1: Overview of the UPBRIGHT 12V AC/DC Adapter.

2. SAFETY INFORMATION

- Ensure the adapter's voltage and current ratings match your device's requirements.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not attempt to open or modify the adapter. Refer servicing to qualified personnel.
- Unplug the adapter from the power outlet when not in use for extended periods.

3. SETUP INSTRUCTIONS

1. **Verify Compatibility:** Before connecting, confirm that your device requires a 12V DC power input and that the current draw does not exceed 2.5 Amps (30 Watts). Check your device's specifications or original power adapter.
2. **Check Connector Polarity:** The adapter uses a standard barrel connector. Ensure the polarity matches your device's input. This adapter typically features a center-positive polarity.

UpBright AC Adapter Power Supply Compatible with:



Image 3.1: Close-up view of the adapter's barrel connector tip.

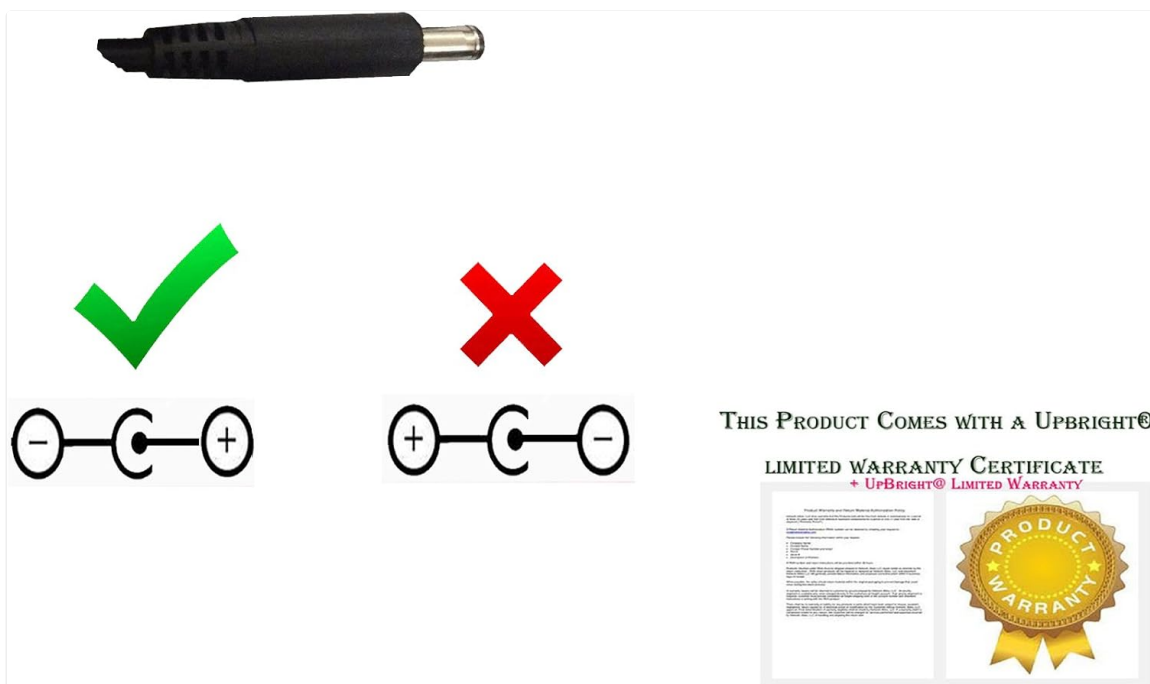


Image 3.2: Diagram illustrating correct (center positive) and incorrect (center negative) polarity for the barrel connector. The UPBRIGHT adapter is center positive.

3. **Connect to Device:** Insert the barrel connector of the adapter firmly into the DC input port of your Lorex or FLIR DVR Security System or other compatible device.
4. **Connect to Power Outlet:** Plug the AC power cord of the adapter into a standard 100-240VAC wall outlet.
5. **Power On:** Once connected, your device should receive power. Refer to your device's manual for specific power-on procedures.

4. OPERATING INSTRUCTIONS

The UPBRIGHT 12V AC/DC Adapter operates automatically once connected to a power source and a compatible device. It converts the AC wall current to the required 12V DC power for your electronic equipment.

- Ensure the adapter is placed in a well-ventilated area to prevent overheating.
- Do not cover the adapter with cloths or other materials during operation.
- If the adapter feels excessively hot to the touch, disconnect it immediately and check for proper ventilation or device compatibility.



Image 4.1: The adapter showing its label with input/output specifications.

5. MAINTENANCE

The UPBRIGHT AC/DC Adapter requires minimal maintenance. Follow these guidelines to ensure its longevity and safe operation:

- **Cleaning:** Disconnect the adapter from the power outlet and the device before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and moisture. Avoid tightly coiling the cable to prevent damage.
- **Cable Inspection:** Periodically inspect the power cord and connector for any signs of damage, fraying, or exposed wires. If damage is found, discontinue use and replace the adapter.

6. TROUBLESHOOTING

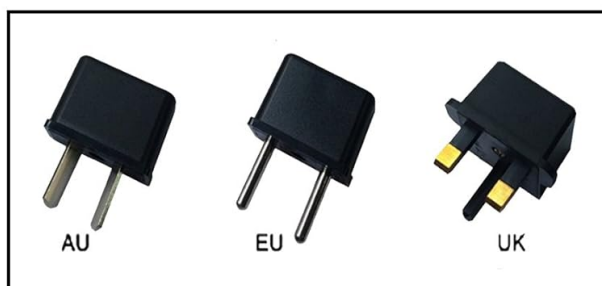
Problem	Possible Cause	Solution
Device does not power on.	Adapter not plugged in. Wall outlet has no power. Incorrect voltage/current for device. Incorrect connector polarity. Damaged adapter or cable. Device malfunction.	Ensure adapter is fully plugged into both the device and wall outlet. Test the wall outlet with another device. Verify device's power requirements match adapter's output (12V, 2.5A). Confirm connector polarity (center positive). Inspect adapter and cable for visible damage. Replace if damaged. Test device with a known working compatible adapter.
Adapter becomes excessively hot.	Poor ventilation. Overload (device drawing too much current). Internal fault.	Ensure adapter is in a well-ventilated area, not covered. Verify device's current draw is within 2.5A. Discontinue use and replace the adapter.
Intermittent power to device.	Loose connection. Damaged cable or connector.	Ensure all connections are secure. Inspect cable and connector for damage. Replace if necessary.

7. SPECIFICATIONS

Feature	Detail
Brand	UPBRIGHT
Model Number	Lorex BX1202500 12V2.5A30W Power Supply (UPBRIGHT Compatible)
Input Voltage	100-240VAC, 50/60Hz (World Wide Input Voltage)
Output Voltage	12V DC
Output Current	2.5 Amps (2500mA)
Maximum Power	30 Watts
Connector Type	Barrel Connector (Center Positive)
Safety Protections	OVP (Over Voltage Protection), OCP (Over Current Protection), SCP (Short Circuit Protection)
Certifications	CE, UL, CCC, RoHS
Color	Black
Item Weight	Approximately 5 Ounces
Item Dimensions	Approximately 4 x 2 x 2 inches

Come With A Suitable Outlet Adapter (Only One) to Fit

Your Country/Area For International Order



THIS PRODUCT COMES WITH A UPBRIGHT®

LIMITED WARRANTY CERTIFICATE
+ UPBRIGHT® LIMITED WARRANTY



Image 7.1: Example of international outlet adapters (may be included with international orders).

8. WARRANTY AND SUPPORT

Warranty Information

UPBRIGHT provides a limited warranty for this product:

- **Refund Period:** 30 Days from purchase.
- **Exchange Period:** 24 Months from purchase.

This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or external causes such as power surges.

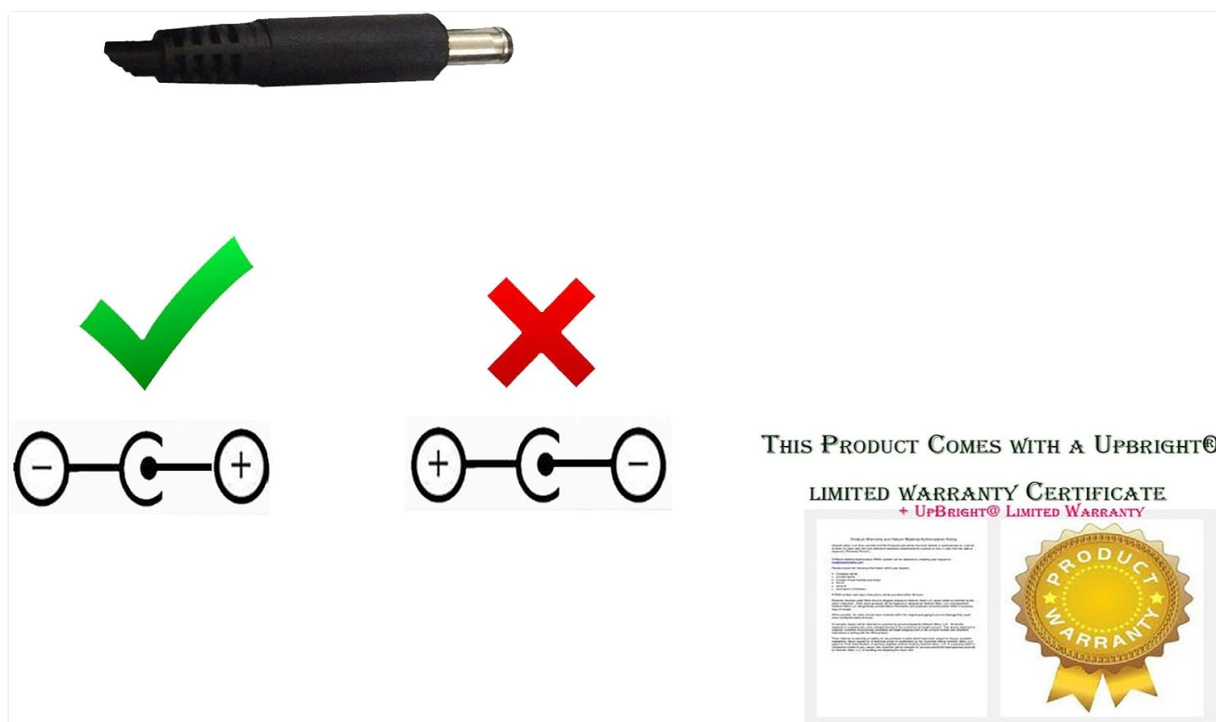


Image 8.1: Representation of the UPBRIGHT Limited Warranty Certificate.

Customer Support

For technical assistance, warranty claims, or further inquiries, please contact UPBRIGHT customer support through the retailer where the product was purchased or visit the official UPBRIGHT store page for contact information.

UPBRIGHT Store: [Visit the UPBRIGHT Store on Amazon](#)