

UPBRIGHT 12V AC/DC Adapter

UpBright 12V AC/DC Adapter Instruction Manual

Model: 12V AC/DC Adapter

INTRODUCTION

This manual provides essential information for the safe and effective use of your UpBright 12V AC/DC Adapter. This adapter is designed to provide power and charge compatible devices, specifically various Power On Board Vector jump starters and air compressors. Please read this manual thoroughly before use and retain it for future reference.

SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the adapter or connected devices:

- Ensure the adapter's input voltage (100-240VAC, 50/60Hz) matches your power outlet specifications.
- 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 all servicing to qualified personnel.
- Disconnect the adapter from the power source when not in use or during electrical storms.
- The adapter features **OVP (Over Voltage Output Protection)**, **OCP (Over Current Output Protection)**, and **SCP (Short Circuit Output Protection)** for enhanced safety.

PRODUCT OVERVIEW

The UpBright 12V AC/DC Adapter is a switching power supply designed for reliable charging. It provides a stable 12V DC output at 0.75A to 1.0A (750mA to 1000mA).



Figure 1: UpBright 12V AC/DC Adapter with its integrated cable.

UpBright AC Adapter Power Supply Compatible with:



Figure 2: Detail of the barrel round connector, ensuring proper fit with compatible devices.



Figure 3: Rear view of the adapter, displaying input/output specifications and safety certifications.

SETUP

1. **Verify Compatibility:** Ensure your device requires a 12V DC input and has a compatible barrel round connector. This adapter is compatible with various Power On Board Vector jump starters and air compressors, including models such as VEC012APM, VECO12POB, VECO21STC, VEC12APCL, and VEC184 series rechargeable spotlights.
2. **Connect to Device:** Insert the barrel round connector of the adapter firmly into the charging port of your compatible device.
3. **Connect to Power Outlet:** Plug the AC prongs of the adapter into a standard 100-240VAC wall outlet.

OPERATING

Once connected, the adapter will begin to supply power or charge your device. Most compatible devices will have an indicator light to show charging status (e.g., red for charging, green for fully charged).

- Allow sufficient time for your device to charge fully. Charging times vary depending on the device's battery capacity and current charge level.
- The adapter is designed for continuous use during charging, but it is recommended to disconnect it once the device is fully charged to conserve energy.

MAINTENANCE

- Keep the adapter clean and free from dust. Use a dry, soft cloth for cleaning.
- Store the adapter in a cool, dry place when not in use.
- Avoid wrapping the cable too tightly around the adapter to prevent damage to the wiring.

TROUBLESHOOTING

Device not charging:

- Ensure the adapter is securely plugged into both the wall outlet and the device.
- Verify the wall outlet is functional by testing it with another appliance.
- Check the device's charging port for any obstructions or damage.
- If the device's rechargeable battery is old or faulty (typically lasting 1 to 3 years), it may no longer accept a charge. This is a battery issue, not an adapter malfunction.

Adapter feels warm:

- It is normal for the adapter to become slightly warm during operation. If it becomes excessively hot or emits smoke/odor, immediately disconnect it from the power source and discontinue use.

SPECIFICATIONS

Input Voltage	100-240VAC, 50/60Hz
Output Voltage	12V DC
Output Current	0.75A - 1.0A (750mA - 1000mA)
Wattage	24 Watts (Max)
Connector Type	Barrel Round Connector
Protection Features	OVP, OCP, SCP
Dimensions	Approximately 3 x 3 x 1 inches
Weight	Approximately 3.52 ounces

WARRANTY AND SUPPORT

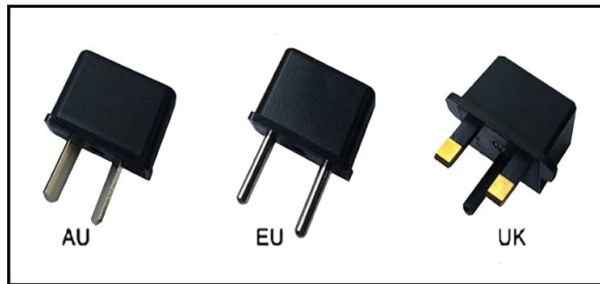
Your UpBright AC/DC Adapter comes with a limited warranty:

- **Refund Policy:** 30 Days Refund.
- **Exchange Policy:** 24 Months Exchange.

For warranty claims or technical support, please refer to the contact information provided with your

purchase or visit the official UpBright website.

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



Figure 4: Example of international outlet adapters that may be included for international orders, and a representation of the UpBright Limited Warranty Certificate.