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## UPBRIGHT HDP12-MD12010C FRIWO FW8000M/12 Power

# UpBright 12V AC/DC Adapter Instruction Manual

Compatible with HDP HDP12-MD12010C and FRIWO FW8000M/12 Series

## 1. Product Overview

The UpBright 12V AC/DC Adapter is a versatile power supply designed to convert alternating current (AC) from a wall outlet to direct current (DC) for compatible electronic devices. This adapter is specifically engineered for use with devices requiring a 12V 1A (1000mA) power input, such as the HDP HDP12-MD12010C and FRIWO FW8000M/12 series.
It features a wide input voltage range (100-240VAC) for global compatibility and incorporates essential safety protections including Over Voltage Output Protection (OVP), Over Current Output Protection (OCP), and Short Circuit Output Protection (SCP) to ensure safe and reliable operation.



Figure 1: UpBright 12V AC/DC Adapter

## 2. Safety Information

- Ensure the adapter's output voltage and current match your device's requirements. Using an incompatible adapter may damage your device.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not attempt to disassemble or modify the adapter.
- Unplug the adapter from the power outlet when not in use for extended periods.

- Keep out of reach of children.

## 3. Package Contents

Upon opening the package, verify that all items are present and in good condition:

- 1 x UpBright 12V AC/DC Adapter
- Optional: International plug adapters (AU, EU, UK) if purchased with a global kit.




Figure 2: Adapter as received in packaging




Figure 3: Adapter shown with optional international plug adapters

## 4. Setup and Installation

1. **Verify Compatibility:** Before connecting, confirm that your device requires a 12V DC input and that the adapter's connector (5.5mm x 2.5mm DC output jack) is compatible.
2. **Connect to Device:** Plug the DC output jack of the adapter into the power input port of your electronic device.
3. **Connect to Power Outlet:** Insert the AC plug of the adapter into a standard wall power outlet (100-240VAC, 50/60Hz).
4. **Power On:** Once connected, your device should receive power. Some adapters may have an indicator light to show power is active.

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Video 1: Demonstration of connecting the DC output jack and plugging the adapter into a power outlet, showing the indicator light.

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Video 2: Unboxing and initial connection of a 12V 1A power adapter, including a close-up of the specifications label.

## 5. Operating Instructions

The UpBright 12V AC/DC Adapter operates automatically once connected to a power source and a compatible device. It provides a stable 12V DC output to power or charge your device. No user intervention is typically required during operation.

- Ensure the adapter is securely plugged into both the wall outlet and your device.
- Monitor your device for proper function after connecting the adapter.
- If your device has a power switch, turn it on after connecting the adapter.

## 6. 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.
- Regularly inspect the power cord and connector for any signs of damage (fraying, bends, exposed wires). Discontinue use if damage is found.

## 7. Troubleshooting

### Device Not Powering On:

- Check if the adapter is securely plugged into both the wall outlet and the device.
- Verify that the wall outlet is functional by plugging in another device.
- Ensure the adapter's specifications (voltage, amperage, connector size) match your device's requirements.
- Inspect the adapter's cable and connector for any visible damage.

### Adapter Overheating:

- Ensure the adapter is used in a well-ventilated area.
- Confirm that the device connected does not exceed the adapter's maximum output current (1A).
- If overheating persists, discontinue use and contact support.

## 8. Specifications

| Feature | Detail |
|---|---|
| Brand | UPBRIGHT |
| Model Number | HDP12-MD12010C FRIWO FW8000M/12 Power |
| Input Voltage | 100-240VAC, 50/60Hz |
| Output Voltage | 12V DC |
| Output Amperage | 1A (1000mA) |
| Output Wattage | 12 Watts |
| Connector Type | 2-Pin (DC Output Jack: 5.5mm x 2.5mm) |
| Product Dimensions | 3 x 3 x 1 inches |
| Item Weight | 4 ounces |
| Special Features | OVP, OCP, SCP Protection |

## 9. Warranty and Support

UpBright offers a 30-day refund policy and a 24-month exchange warranty for this product. For any inquiries or support, please refer to the contact information provided with your purchase or visit the official UpBright store.
For more information, visit the UPBRIGHT Store on Amazon.

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