UPBRIGHT OKIN DeltaDrive 72506 24 VOLT Motor (Compatible Adapter)

UpBright 2-Prong 29V AC/DC Adapter User Manual

Model: OKIN DeltaDrive 72506 24 VOLT Motor (Compatible Adapter)

1. Introduction

This user manual provides essential information for the safe and effective use of your UpBright 2-Prong 29V AC/DC Adapter. This adapter is designed to provide reliable power to various lift chair motors, including specific models from Okin DeltaDrive, Pride, and Golden Technologies. Please read this manual thoroughly before operating the device.



Figure 1: UpBright 2-Prong 29V AC/DC Adapter with power cord. This image shows the main adapter unit and the detachable 2-prong power cord.

2. Safety Information

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

- **Indoor Use Only:** This adapter is designed for indoor use in dry locations. Do not expose it to water, moisture, or high humidity.
- **Proper Voltage:** Ensure the input voltage of the power outlet matches the adapter's specifications (100-240VAC).
- **Avoid Overload:** Do not connect devices that exceed the adapter's maximum output current (2A) or wattage

(29V * 2A = 58W).

- **Ventilation:** Do not cover the adapter during operation, as this may lead to overheating.
- **Handle with Care:** Avoid dropping or subjecting the adapter to strong impacts. Do not disassemble or attempt to repair the adapter.
- **Protection Features:** The adapter includes built-in safety features:
  - **OVP** (Over Voltage Output Protection)
  - **OCP** (Over Current Output Protection)
  - **SCP** (Short Circuit Output Protection)
- **Unplug When Not In Use:** Disconnect the adapter from the power outlet when not in use for extended periods.

3. Product Features

The UpBright 2-Prong 29V AC/DC Adapter offers the following key features:

- **Universal Input:** World Wide Input Voltage 100-240VAC 50/60Hz, allowing for global compatibility with appropriate power cords.
- **Stable Output:** Provides a stable 29V DC output at 2A (2000mA).
- **Broad Compatibility:** Specifically designed to be compatible with various 24V lift chair motors, including:
  - Okin DeltaDrive 72506, 1.28.000.091.30, 128.000.002.59, 9.28.000.130.30
  - Pride DRVMOTR1308, Pride Mobility Lift Chair LL530, LL-530, LL530L, LL-530L (Serial NO. L911 550 926 0F40)
  - Golden Technologies GM1500-LM, GM1500LM Single Motor Lift Chair
- **Safety Certifications:** CECCCROHS certified for quality and safety.
- **Durable Design:** Constructed for reliable and long-lasting performance.

4. Setup

Follow these steps to set up your UpBright AC/DC Adapter:

1. **Verify Compatibility:** Before connecting, ensure your device (e.g., lift chair motor) requires a 29V DC input and has a compatible 2-prong connector. Refer to your device's manual for specific power requirements.
2. **Connect to Device:** Insert the DC output connector of the UpBright adapter firmly into the power input port of your lift chair motor or compatible device.



Figure 2: Close-up view of the 2-prong connector. This image highlights the specific connector type used by the adapter for connecting to the device.

3. **Connect to Power Outlet:** Plug the 2-prong AC input cord of the adapter into a standard wall power outlet (100-240VAC).



Figure 3: Examples of suitable AC power cords for different regions (US, EU, UK, AU). Ensure you use the correct power cord for your country or area.

4. **Power On:** Once both connections are secure, your device should receive power.

5. Operating Instructions

The UpBright 2-Prong 29V AC/DC Adapter operates automatically once connected to a power source and a compatible device. No user intervention is required for its basic function.

- Ensure all connections are secure before operating your device.
- If your device has an on/off switch, use that to control its power.
- The adapter is designed for continuous operation within its specified limits.

6. Maintenance

Proper maintenance ensures the longevity and optimal performance of your adapter:

- **Cleaning:** Disconnect the adapter from the power outlet and the device before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or abrasive materials.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid tightly winding the cables to prevent damage.
- **Inspection:** Periodically inspect the adapter and its cables for any signs of damage, such as frayed wires, cracked casing, or bent pins. If damage is found, discontinue use immediately and replace the adapter.

7. Troubleshooting

If you encounter issues with your UpBright AC/DC Adapter, refer to the following table:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No power to device.	Adapter not plugged in. Loose connection. Power outlet not working. Device issue, not adapter. Adapter failure.	Ensure adapter is fully plugged into wall outlet. Check both AC and DC connections are secure. Test outlet with another device. Verify the device itself is functioning correctly. If all else fails, the adapter may need replacement.
Device not functioning correctly (e.g., weak operation).	Incorrect adapter voltage/current. Overloaded adapter.	Confirm your device requires 29V DC and 2A. Ensure the total power draw of your device does not exceed the adapter's capacity.
Adapter feels hot.	Normal operation (slight warmth). Poor ventilation. Overload or short circuit.	A slight warmth is normal. Ensure adapter is in a well-ventilated area, not covered. Disconnect immediately if excessively hot or emitting smoke/smell. Check for short circuits in the connected device.

If the problem persists after trying these solutions, please contact customer support.

8. Specifications

Attribute	Value
Model Number	OKIN DeltaDrive 72506 24 VOLT Motor (Compatible Adapter)
Input Voltage	100-240VAC, 50/60Hz
Output Voltage	29V DC
Output Current	2A (2000mA)
Wattage	58W (Max)
Connector Type	2-Prong Barrel Connector
Protection Features	OVP, OCP, SCP
Item Weight	10 ounces (approx. 283 grams)
Manufacturer	UPBRIGHT

9. Warranty and Support

Your UpBright AC/DC Adapter comes with the following warranty:

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

For technical support, warranty claims, or any inquiries, please contact your retailer or visit the official UPBRIGHT

website for contact information. When contacting support, please have your product model number and purchase details ready.

Note: Warranty terms may vary based on region and retailer. Please retain your proof of purchase.

© 2024 UPBRIGHT. All rights reserved. Information in this manual is subject to change without notice.