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› RoyPow AC to DC Converter Power Supply Transformer 2A/24W User Manual

RoyPow C24

RoyPow AC to DC Converter Power Supply Transformer 2A/24W User Manual

Model: C24

Brand: RoyPow

INTRODUCTION

Thank you for choosing the RoyPow AC to DC Converter Power Supply Transformer. This adapter is designed to conveniently transform 110-240V AC wall power into 12V DC current, providing a female cigarette lighter socket for various automotive electronic devices. Please read this manual carefully before use to ensure proper operation and safety.



Figure 1: RoyPow AC to DC Converter Power Supply Transformer

This compact and portable converter is ideal for powering most low-power automotive electronics with a rated power of less than 24W.

SAFETY INFORMATION

To prevent damage to the device and ensure user safety, please observe the following important reminders:

- DO NOT power automotive electronics that exceed 24W.
- Specifically, DO NOT use this converter with devices such as: Car Refrigerators, Car Vacuum Cleaners, Air Pumps, Air Compressors, Tire Inflators, Cooler & Warmer Boxes, Lunch Boxes, Coffee Mugs, and Mug Cups. These devices typically require more power than the converter can safely provide.
- Ensure the converter is used in a dry environment and away from water or excessive moisture.
- Avoid dropping or subjecting the converter to strong impacts.
- Do not disassemble or attempt to repair the converter yourself. Refer to qualified personnel for service.



Figure 2: Examples of Incompatible Automotive Electronics (Exceed 24W)

PRODUCT OVERVIEW

What's in the Box

Upon opening the package, you should find the following items:

- 1 x RoyPow AC to DC Converter Power Supply Transformer
- 1 x User Manual (this document)



Figure 3: Package Contents

SETUP

Setting up your RoyPow AC to DC Converter is straightforward:

1. Locate a standard 110-240V AC wall outlet.
2. Plug the RoyPow AC to DC Converter directly into the wall outlet. Ensure it is securely seated.
3. The converter features a female cigarette lighter socket. Insert your 12V automotive electronic device's cigarette lighter plug into this socket.
4. Verify that your device's power consumption is within the 24W limit of the converter.



Figure 4: Connecting a Device to the Converter

OPERATING INSTRUCTIONS

Once set up, the converter is ready to power your compatible devices:

- The converter provides a stable 12V 2A output, suitable for most low-power automotive electronics.
- **Compatible Devices:** This includes, but is not limited to, car Dash Cams, car DVR video recorders, car MP3 players, car Bluetooth FM transmitters, car air purifiers, car humidifiers, car telephones, automotive razors, and car chargers. Always check the power requirements of your device.



Figure 5: Examples of Compatible Automotive Electronics (Within 24W)

- **Multi-protection Guarantee:** The converter is equipped with multiple circuit protections, including short-circuit protection, over-load protection, overcurrent protection, and over-temperature protection, ensuring safe operation for both the converter and your connected devices.

MAINTENANCE

To ensure the longevity and optimal performance of your RoyPow AC to DC Converter, follow these simple maintenance guidelines:

- Keep the converter clean and free from dust. Use a soft, dry cloth for cleaning.
- Store the converter in a cool, dry place when not in use.
- Avoid exposing the converter to extreme temperatures or direct sunlight for prolonged periods.
- Do not block the ventilation openings (if any) on the converter, as this can lead to overheating.

TROUBLESHOOTING

If you encounter issues with your RoyPow AC to DC Converter, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No power output	Converter not properly plugged in	Ensure the converter is fully inserted into a live wall outlet.
No power output	Connected device exceeds 24W	Disconnect the high-power device. Only connect devices with a rated power of 24W or less.
No power output	Overload/Short-circuit protection activated	Unplug the converter from the wall and disconnect the device. Wait a few minutes, then reconnect a compatible device.
Device not charging/operating efficiently	Loose connection	Ensure the automotive device's plug is firmly seated in the converter's socket.

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

SPECIFICATIONS

Feature	Detail
Model Number	C24
Input Voltage	AC 110-240V
Output Voltage	DC 12V
Output Current	2A
Rated Power	24W
Product Dimensions	2.28 x 2.09 x 1.3 inches
Item Weight	2.65 ounces
First Available	August 16, 2017
Manufacturer	RoyPow

WARRANTY AND SUPPORT

For warranty information and detailed support, please refer to the official RoyPow website or contact their customer service directly. You can visit the RoyPow store on Amazon for more information and contact options:

[Visit the RoyPow Store on Amazon](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

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