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Kircuit AWANFI A61 Car DC Adapter

Kircuit Car DC Adapter for AWANFI A61 Portable Power Station User Manual

Model: AWANFI A61 Car DC Adapter | Brand: Kircuit

1. Introduction

Thank you for choosing the Kircuit Car DC Adapter. This adapter is specifically designed to provide power to your AWANFI A61 Portable Power Station from a vehicle's DC power outlet (cigarette lighter socket). It ensures your power station remains charged and ready for use during road trips, camping, or other outdoor activities. Please read this manual thoroughly before use to ensure proper operation and safety.



Figure 1: Kircuit Car DC Adapter. This image shows the black adapter cable with a barrel connector on one end and a cigarette lighter plug on the other, designed for vehicle power outlets.

2. Important Safety Information

To prevent injury or damage to your device, please observe the following safety precautions:

- Do not expose the adapter to rain, moisture, or extreme temperatures.

- Do not disassemble or modify the adapter. Unauthorized modifications can lead to hazards and void the warranty.
- Ensure the adapter is compatible with your device's voltage and power requirements (16V-25V, 65W max).
- Keep the adapter away from children and pets.
- Avoid using the adapter if the cable or connectors are damaged.
- Always unplug the adapter from the vehicle's DC outlet when not in use or when leaving the vehicle.
- Use only in well-ventilated areas to prevent overheating.

3. Package Contents

Verify that all items are present in your package:

- Kircuit Car DC Adapter (1 unit)
- User Manual (this document)

4. Setup Instructions

Follow these steps to set up your Car DC Adapter:

1. **Identify the DC Input Port:** Locate the DC input port on your AWANFI A61 Portable Power Station. This port is typically labeled for DC input or charging.
2. **Connect to Power Station:** Insert the barrel connector end of the Kircuit Car DC Adapter firmly into the DC input port of your AWANFI A61 Portable Power Station.
3. **Connect to Vehicle:** Insert the cigarette lighter plug end of the adapter into your vehicle's 12V DC power outlet (cigarette lighter socket). Ensure it is fully seated.
4. **Verify Connection:** Once connected, your AWANFI A61 Portable Power Station should indicate that it is receiving power or charging. Refer to your power station's manual for specific charging indicators.

Note: The vehicle's engine may need to be running for the DC power outlet to supply power in some vehicles.

5. Operating Instructions

The Kircuit Car DC Adapter operates automatically once connected. It converts the 12V DC power from your vehicle into the appropriate voltage (16V-25V) required by your AWANFI A61 Portable Power Station for charging.

- Ensure both ends of the adapter are securely connected before starting your vehicle or driving.
- Monitor the charging status on your AWANFI A61 Portable Power Station.
- Avoid pulling the cable forcefully to disconnect. Always grasp the plug ends.
- Do not overload the vehicle's DC outlet by connecting other high-power devices simultaneously.

6. Maintenance

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

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the surface. 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 extreme temperatures. Coil the cable loosely to prevent kinks or damage.
- **Inspection:** Periodically inspect the cable and connectors for any signs of wear, cuts, or damage. If damage is observed, discontinue use and replace the adapter.

7. Troubleshooting

If you encounter issues with your Kircuit Car DC Adapter, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
Power station not charging.	◦ Loose connection. ◦ Vehicle's DC outlet not active. ◦ Blown fuse in vehicle's DC outlet. ◦ Adapter or cable damage.	◦ Ensure both ends of the adapter are securely plugged in. ◦ Start the vehicle's engine. ◦ Check and replace the vehicle's DC outlet fuse if necessary (consult vehicle manual). ◦ Inspect the adapter for visible damage. If damaged, replace it.
Adapter feels warm during use.	◦ Normal operation. ◦ Poor ventilation.	◦ A slight warmth is normal. ◦ Ensure the adapter is not covered and has adequate airflow. If it becomes excessively hot, disconnect immediately.
Intermittent charging.	◦ Unstable connection. ◦ Vehicle's power fluctuations.	◦ Re-seat both connectors firmly. ◦ Ensure vehicle's electrical system is stable.

8. Specifications

Brand	Kircuit
Compatible Devices	AWANFI A61 Portable Power Station (110V/500W, 16V-25V)
Input Voltage	12V-24V DC (from vehicle cigarette lighter)
Output Voltage Range	16V-25V DC
Power Output	Up to 65W
Connector Type	Barrel Connector (output), Cigarette Lighter Plug (input)
Color	Black
Manufacturer	Shenzhen Waweis Technology Co., Ltd

9. Warranty and Support

Kircuit products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the documentation provided with your purchase or contact your retailer.
For technical support or inquiries, please contact your point of purchase or visit the Kircuit official website for customer service contact details.

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