

Kircuit PYS-PEI-U00300

Kircuit Car 12V DC Adapter Instruction Manual

For Innovative Life PYS-PEI-U00300 Series Portable Power Stations

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1. INTRODUCTION

Thank you for choosing the Kircuit Car 12V DC Adapter. This adapter is designed to provide a reliable power source for charging or operating your Innovative Life PYS-PEI-U00300, E00300, or OMN-PS-0300-YW series portable power station from your vehicle's 12V DC outlet. Please read this manual carefully before use to ensure safe and optimal performance.

2. SAFETY INSTRUCTIONS

- **Read all instructions:** Before using the adapter, read and understand all safety and operating instructions.
- **Proper voltage:** Ensure your vehicle's DC outlet provides 12V DC. Do not use with incompatible voltage sources.
- **Indoor use only:** This adapter is designed for use within a vehicle's cabin. Avoid exposure to rain, moisture, or extreme temperatures.
- **Avoid damage:** Do not use the adapter if the cord or connectors are damaged. Inspect regularly for wear and tear.
- **Ventilation:** Ensure adequate ventilation around the adapter during use. Do not cover it.
- **Children and pets:** Keep the adapter out of reach of children and pets.
- **Disconnect when not in use:** Always disconnect the adapter from both the vehicle and the power station when not in use or before cleaning.
- **No disassembly:** Do not attempt to disassemble or modify the adapter. This will void the warranty and may cause electric shock or fire.

3. PRODUCT OVERVIEW

The Kircuit Car 12V DC Adapter consists of a car cigarette lighter plug on one end and a DC barrel connector on the other, connected by a durable cable.



Figure 1: Kircuit Car 12V DC Adapter. This image shows the adapter with its car cigarette lighter plug and the DC barrel connector.

- **Car Cigarette Lighter Plug:** Connects to your vehicle's 12V DC accessory outlet.
- **DC Barrel Connector:** Connects to the DC input port of your compatible portable power station.
- **Cable:** Connects the two ends, providing flexibility for placement.

4. SETUP INSTRUCTIONS

1. Step 1: Locate Vehicle DC Outlet

Identify the 12V DC accessory outlet (cigarette lighter socket) in your vehicle. Ensure the vehicle's ignition is on or the outlet is powered.

2. Step 2: Connect to Vehicle

Firmly insert the car cigarette lighter plug of the Kircuit adapter into your vehicle's 12V DC outlet.

3. Step 3: Locate Power Station DC Input

Identify the DC input port on your Innovative Life portable power station. Refer to your power station's manual for the exact location.

4. Step 4: Connect to Power Station

Insert the DC barrel connector of the Kircuit adapter into the DC input port of your portable power station. Ensure a snug and secure connection.

5. Step 5: Verify Connection

Once connected, your power station should indicate that it is receiving power or charging. Check the power station's display or indicator lights.

5. OPERATING INSTRUCTIONS

- **Charging:** Once connected as per the setup instructions, the adapter will begin supplying power to your portable power station. The power station's charging indicator will typically illuminate or its display will show charging status.
- **Monitoring:** Periodically check the charging status on your power station. Charging times will vary depending on the power station's battery level and capacity.
- **Disconnection:** When charging is complete, or if you need to stop charging, first disconnect the DC barrel connector from the power station, then remove the car cigarette lighter plug from your vehicle's outlet.
- **Vehicle Engine:** For optimal charging and to avoid draining your vehicle's battery, it is recommended to operate the adapter with the vehicle's engine running.

6. MAINTENANCE

- **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:** Store the adapter in a cool, dry place away from direct sunlight and moisture when not in use. Avoid wrapping the cable too tightly to prevent damage.
- **Inspection:** Regularly inspect the cable and connectors for any signs of damage, fraying, or corrosion. If any damage is found, discontinue use and replace the adapter.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Adapter not providing power.	Loose connection. Vehicle's 12V DC outlet is not powered. Blown fuse in vehicle's 12V DC outlet. Damaged adapter.	Ensure all connections are secure. Check if the vehicle's ignition is on or if the outlet requires the engine to be running. Consult your vehicle's manual to check and replace the fuse for the 12V DC outlet. Inspect the adapter for visible damage. If damaged, replace it.
Slow charging.	Power station's battery is very low. Vehicle's voltage output is slightly lower than optimal.	This is normal for deeply discharged batteries. Continue charging. Ensure the vehicle's engine is running for consistent voltage.

8. SPECIFICATIONS

- **Input:** 12V DC (from vehicle's 12V DC outlet)
- **Output:** DC12V-DC28V (compatible range for power station)
- **Connector Type:** Barrel Connector
- **Compatible Devices:** Innovative Life PYS-PEI-U00300, PYS-PEI-E00300, OMN-PS-0300-YW 294Wh Li-ion Battery 300W Portable Power Station
- **Color:** Black
- **Manufacturer:** Shenzhen Waweis Technology Co., Ltd

9. WARRANTY AND SUPPORT

Kircuit products are designed for reliability and performance. This product comes with a standard warranty against manufacturing defects. For specific warranty terms, please refer to the product packaging or contact your retailer.

For technical support, troubleshooting assistance, or warranty claims, please contact the seller or manufacturer through the platform where the product was purchased. Please have your purchase details and product model information ready.

ASK A QUESTION ABOUT THIS MANUAL

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