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> Kircuit 5V AC/DC Adapter Instruction Manual for Duralast DL-800L and DL-1200AC Jump Starters

Kircuit PA-65W

Kircuit 5V AC/DC Adapter Instruction Manual

Model: PA-65W | Brand: Kircuit

INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Kircuit 5V AC/DC Adapter, Model PA-65W. This adapter is designed to provide reliable power for compatible devices, including Duralast DL-800L and DL-1200AC Lithium Ion Jump Starters. Please read this manual thoroughly before use and retain it for future reference.

SAFETY INFORMATION

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

- Use the adapter only with devices that match its voltage and current specifications (5V DC, 2A).
- 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. This will void the warranty and may cause electrical hazards.
- Unplug the adapter from the power outlet when not in use or during electrical storms.
- Ensure the power outlet is easily accessible for quick disconnection.

Durable design



Figure 1: Built-in Safety Protections. The adapter features protections against short circuits, excess voltage, over temperature, and overcurrent to ensure safe operation.

PRODUCT OVERVIEW

The Kircuit 5V AC/DC Adapter is a compact and portable power solution. It includes the main adapter unit and a USB cable.



Figure 2: Kircuit 5V AC/DC Adapter and USB Cable. The image shows the black wall adapter with a USB port and a black USB cable with micro-USB and standard USB connectors.

Key Features:

- **Universal Input:** Supports 100V-240V AC input, suitable for international travel.
- **Safety Protections:** Integrated Dynamic IC, Charger IC, and power fuse for rapid charging and protection against overcharge, short circuit, excess voltage, over temperature, and overcurrent.
- **Durable Design:** High-quality materials for the power cable and robust plug construction ensure longevity and stable connection.

- The plugs on the power cable also well-made and designed to provide a secure and stable connection.
- The plugs can handle high electrical loads without overheating or causing a fire hazard.

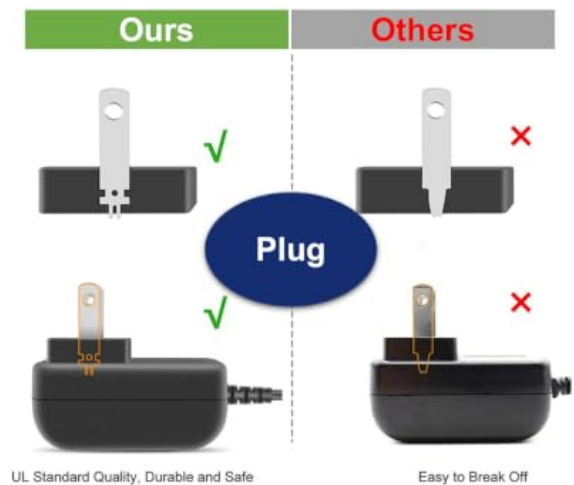


Figure 3: Durable Cable Design. The power cable is constructed with high-quality materials and thick insulation for durability and resistance to wear, abrasion, and high temperatures.

Why choose Kircuit ?



Kircuit adapters have a wide range of product offerings that are compatible with various device types, power requirements, and connector standards. Kircuit adapters have a strong quality control process in place to ensure our products meet the highest standards of safety and performance.

Figure 4: Secure Plug Design. Kircuit plugs are designed for a secure and stable connection, capable of handling electrical loads without overheating.

1. **Inspect the Adapter:** Before first use, visually inspect the adapter and cable for any signs of damage. Do not use if damaged.
2. **Connect to Device:** Plug the appropriate end of the USB cable into your device (e.g., Duralast DL-800L or DL-1200AC jump starter).
3. **Connect to Adapter:** Plug the other end of the USB cable into the USB port on the Kircuit AC/DC adapter.
4. **Plug into Outlet:** Insert the Kircuit AC/DC adapter into a standard 100V-240V AC wall outlet.

The device should now begin charging or receive power. Refer to your device's manual for specific charging indicators.

OPERATING INSTRUCTIONS

The Kircuit 5V AC/DC Adapter operates automatically once connected. It provides a stable 5V DC output at up to 2 Amps.

- Ensure the adapter is firmly seated in the wall outlet and the USB cable connections are secure.
- Monitor your device's charging status as per its manufacturer's instructions.
- Once charging is complete or power is no longer needed, disconnect the adapter from the wall outlet first, then disconnect the USB cable from your device.

MAINTENANCE

- **Cleaning:** Disconnect the adapter from the power outlet and device before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter and cable in a cool, dry place away from direct sunlight and extreme temperatures. Avoid tightly coiling the cable to prevent damage.
- **Inspection:** Periodically inspect the adapter and cable for any signs of wear, cuts, or damage. Replace immediately if any damage is found.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not charging.	Adapter not plugged in correctly. USB cable loose or damaged. Device incompatible or faulty. Power outlet not active.	Ensure adapter is fully inserted into the wall outlet. Check USB cable connections; try a different USB cable if available. Verify device compatibility and functionality with another charger. Test the power outlet with another appliance.
Adapter feels hot during use.	Normal operation under load. Overload or faulty device.	Slight warmth is normal. If it's excessively hot, disconnect immediately. Ensure the connected device's power requirements do not exceed 5V/2A. Disconnect and check the device.

Problem	Possible Cause	Solution
Sparkling when plugging in.	Minor spark is normal.	A small, momentary spark is common. If sparking is continuous or excessive, unplug immediately and do not use.
	Faulty outlet or adapter.	Try a different outlet. If the issue persists, discontinue use and contact support.

SPECIFICATIONS

Model Number	PA-65W
Brand	Kircuit
Input Voltage	100V-240V AC
Output Voltage	5V DC
Output Current	2 Amps
Connector Type	USB
Special Features	Portable, Travel, Overcharge Protection, Short Circuit Protection, Excess Voltage Protection, Over Temperature Protection, Overcurrent Protection
Compatibility	Duralast DL-800L, DL-1200AC Lithium Ion Jump Starters, and other 5V USB-powered devices requiring up to 2A.

WARRANTY AND SUPPORT

Kircuit products are designed for reliability and performance. For warranty information or technical support, please refer to the contact information provided with your purchase or visit the official Kircuit website. Please retain your proof of purchase for warranty claims.

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