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› [Kircuit](#) /

› Kircuit 6V AC/DC Adapter (Model FY1903000) Instruction Manual

Kircuit FY1903000

Kircuit 6V AC/DC Adapter

MODEL: FY1903000

1. Product Overview

This instruction manual provides essential information for the safe and effective use of your Kircuit 6V AC/DC Adapter, Model FY1903000. This adapter is designed as a replacement power supply for various electronic devices requiring a 6V DC input, such as the Maisto Christmas Toy Box Musical Lighted Animated series.

Key features include:

- High-quality replacement AC wall power charger adapter.
- Wide input voltage range: 100V-240V AC, suitable for various regions.
- Integrated Dynamic IC, Charger IC, and Power fuse for efficient charging and overcharge protection.



Figure 1: Kircuit 6V AC/DC Adapter. This image shows the compact black adapter unit with its attached power cord and barrel connector.

2. Safety Information

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- Ensure the adapter's output voltage (6V DC) and current rating match the requirements of your device.
- Do not expose the adapter to water, rain, or excessive moisture.
- Avoid using the adapter in extremely hot or cold environments.
- Do not disassemble or modify the adapter.
- Unplug the adapter from the power outlet when not in use for extended periods.
- Keep out of reach of children.

This adapter incorporates built-in safety protections to ensure reliable operation:

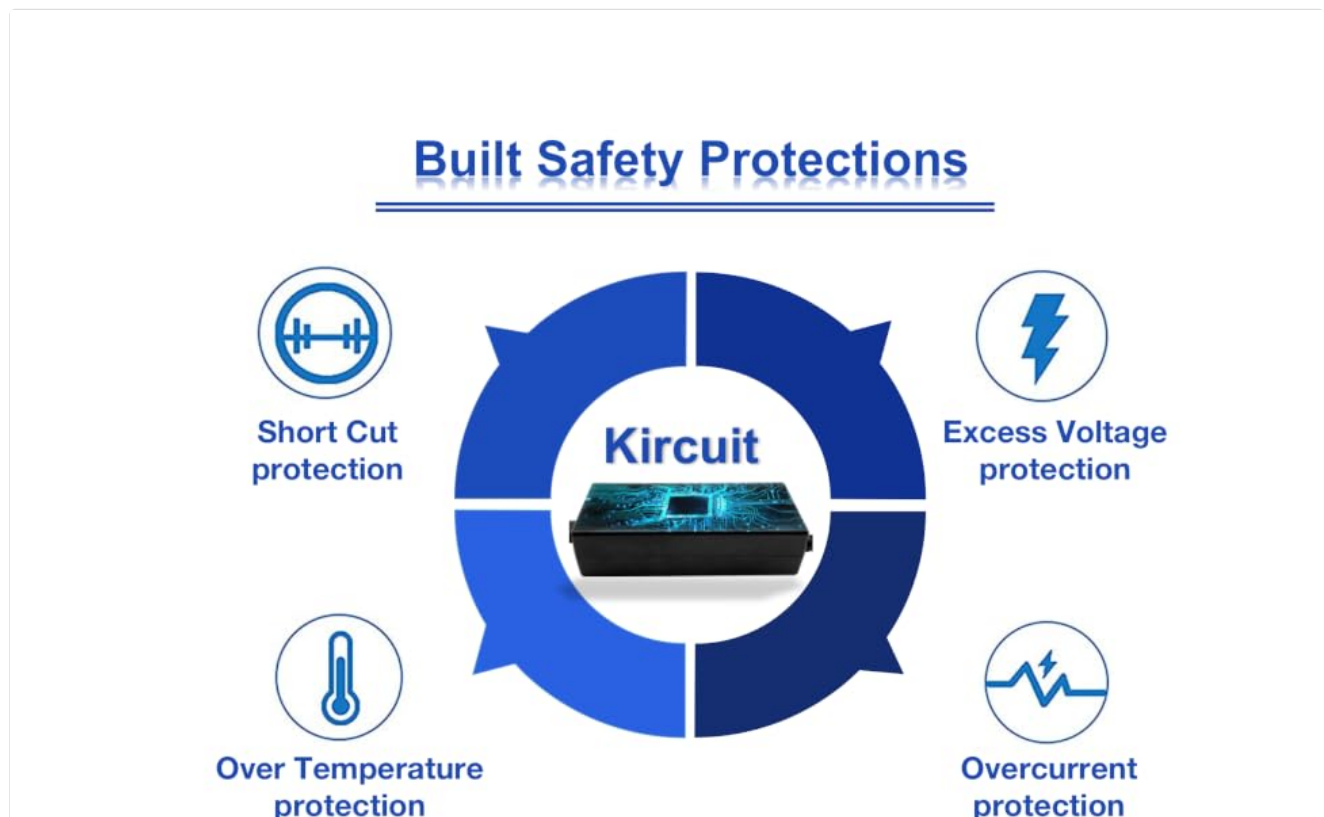


Figure 2: Built-in Safety Protections. This diagram illustrates the four main safety features: Short Cut protection, Excess Voltage protection, Over Temperature protection, and Overcurrent protection, all centered around the Kircuit brand.

3. Setup

1. **Verify Compatibility:** Before connecting, confirm that your device requires a 6V DC power input and uses a barrel connector compatible with this adapter.
2. **Connect to Device:** Insert the barrel connector end of the adapter's cord firmly into the power input port of your electronic device.
3. **Connect to Power Outlet:** Plug the AC prongs of the adapter into a standard 100V-240V AC wall outlet. Ensure the outlet is easily accessible.



Figure 3: Adapter in Use. The image shows the Kircuit adapter plugged into a power strip, demonstrating a typical setup scenario on a desk.

4. Operating Instructions

Once properly connected, the adapter will supply power to your device. Operation is automatic; no user intervention is required beyond initial connection.

- Ensure the device is switched on if it has a power button.
- The adapter is designed for continuous use within its specified limits.

5. Maintenance

To ensure the longevity and optimal performance of your Kircuit AC/DC Adapter, follow these maintenance guidelines:

- **Cleaning:** Disconnect the adapter from both the power outlet and your device before cleaning. Use a soft, dry cloth to wipe the exterior. 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 coiling the power cord to prevent damage.
- **Cord Inspection:** Periodically inspect the power cord and connector for any signs of damage, such as fraying, cuts, or bent pins. If damage is observed, discontinue use and replace the adapter.

The power cable is constructed from high-quality materials with thick insulation, designed to resist wear, tear, and external factors. It can withstand high temperatures without degradation, which is crucial for maintaining safety and performance under load.

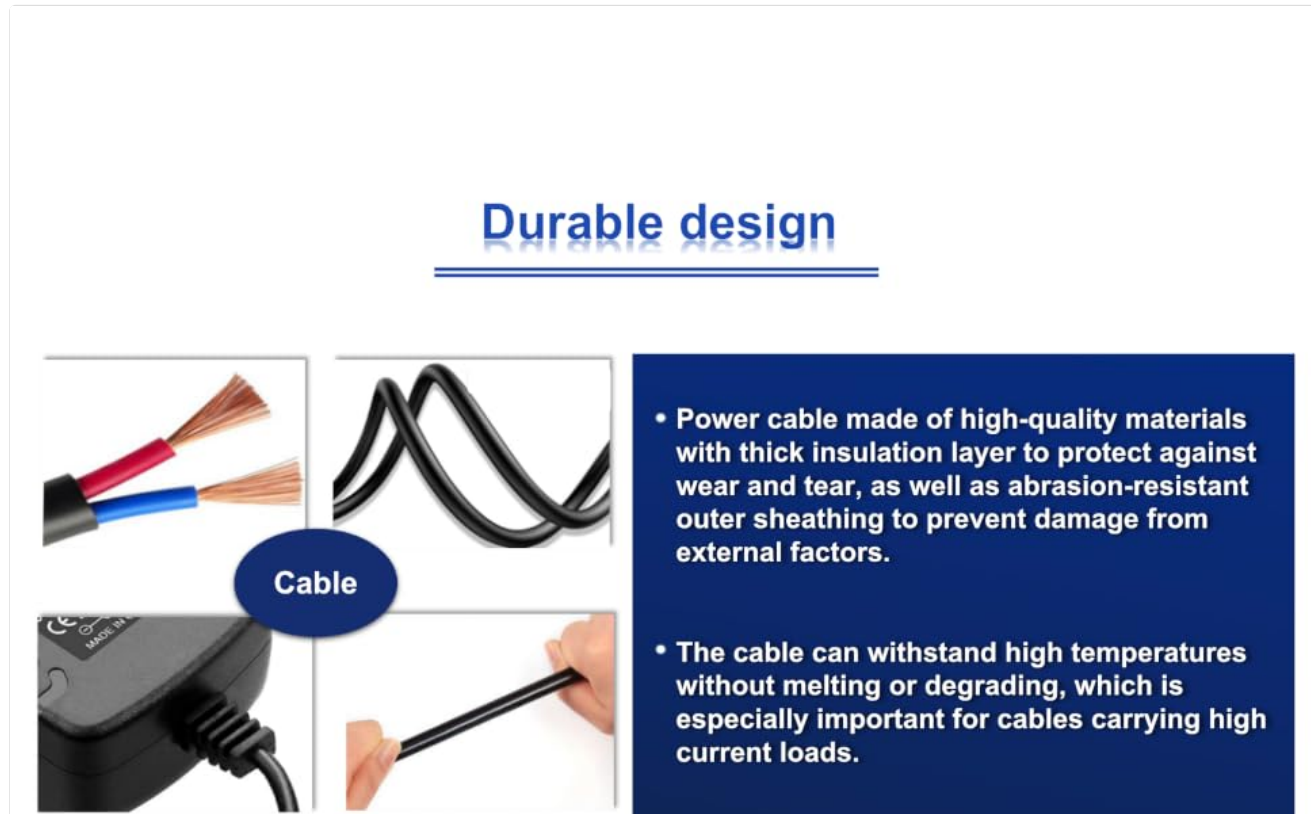


Figure 4: Durable Design. This image highlights the robust construction of the adapter's cable and plug, emphasizing their ability to withstand high electrical loads and provide a secure connection.

6. Troubleshooting

If your device is not receiving power, perform the following checks:

- **No Power:**
 - Ensure the adapter is securely plugged into a working wall outlet. Test the outlet with another device if necessary.
 - Verify that the barrel connector is fully inserted into your device's power port.
 - Check the power cord for any visible damage. If damaged, discontinue use.
 - Confirm your device's power switch is in the 'ON' position.
- **Device Not Charging/Operating Correctly:**
 - Double-check that your device specifically requires a 6V DC input. Using an adapter with incorrect voltage can prevent proper operation or damage the device.
 - Ensure the current rating (Amps) of the adapter meets or exceeds your device's requirements.

If issues persist after performing these checks, contact customer support.

7. Specifications

Specification	Detail
Brand	Kircuit
Model Number	FY1903000
Input Voltage	100V-240V AC
Output Voltage	6 Volts DC
Connector Type	Barrel Connector
Power Source	Corded Electric
ASIN	B09MFLPFDS

8. Warranty and Support

For information regarding warranty coverage and customer support, please refer to the documentation provided with your purchase or contact the manufacturer directly. Keep your purchase receipt as proof of purchase.
Manufacturer: Shenzhen Waweis Technology Co., Ltd

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