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› Kircuit 30V AC/DC Adapter User Manual

## Kircuit FW200300US, KL-WA300100-X, SW-WB250A

# Kircuit 30V AC/DC Adapter

## USER MANUAL

Model: FW200300US, KL-WA300100-X, SW-WB250A

### 1. Introduction

Thank you for choosing the Kircuit 30V AC/DC Adapter. This manual provides essential information for the safe and effective use of your new power supply. Please read this manual thoroughly before use and retain it for future reference. This adapter is designed to convert AC power into the DC power required by compatible devices, allowing you to operate your device or charge its battery from standard electrical outlets. It has been validated and tested to ensure compatibility and reliable performance.

### 2. Product Overview

The Kircuit 30V AC/DC Adapter is a compact and portable power source. It features a standard US plug for AC input and a barrel plug for DC output.

#### Key Features:

- Input: 100V-240V AC, 50/60Hz, 0.3A
- Output: 30V DC, 1A (30W)
- Built-in Dynamic IC, Charger IC & Power fuse for rapid charging and overcharge protection.
- Compatible with Tineco FW200300US Floor One S7 Pro Smart Cordless Wet Dry Vacuum Cleaner (25.2V 3900mAh Lion Battery models KL-WA300100-X, SW-WB250A).

#### Product Components:



Figure 1: Kircuit 30V AC/DC Adapter showing the main unit and the DC output cable with barrel plug.



Figure 2: Two Kircuit 30V AC/DC Adapters, highlighting the compact design and US plug.



Figure 3: Close-up of the adapter's label, showing input/output specifications and certifications.



Figure 4: The adapter plugged into a power strip, demonstrating its wall-mount

design and cable length  
(approx. 6.5 ft).

### 3. Safety Information

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Please read and follow these safety instructions carefully to prevent injury or damage to the adapter or your device.

- **Compatibility:** Only use this adapter with devices that match the specified voltage (30V DC) and current (1A or less) requirements. Using an incompatible adapter can damage your device. Refer to your device's manual for power specifications.
- **Indoor Use Only:** This adapter is designed for indoor use. Do not expose it to rain, moisture, or extreme temperatures.
- **Ventilation:** Ensure adequate ventilation around the adapter during use. Do not cover it or place it in an enclosed space that could restrict airflow.
- **Power Source:** Connect the adapter only to a properly grounded and protected AC outlet within the specified input voltage range (100-240V AC).
- **Cable Care:** Do not pull on the cable to disconnect the adapter. Always grasp the plug. Avoid bending, twisting, or pinching the cable, as this can damage the internal wires.
- **Damage:** Do not use the adapter if the casing or cable is damaged. Contact support for replacement.
- **Children:** Keep the adapter out of reach of children.
- **Disassembly:** Do not attempt to disassemble or modify the adapter. This will void the warranty and may cause electric shock or fire.

### 4. Setup

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Follow these steps to set up your Kircuit AC/DC Adapter:

1. **Verify Compatibility:** Before connecting, ensure your device requires a 30V DC input and has a compatible barrel plug port. Check your device's power input specifications.
2. **Connect to Device:** Insert the barrel plug of the adapter's output cable firmly into the DC input port of your compatible device (e.g., Tineco FW200300US, KL-WA300100-X, SW-WB250A).
3. **Connect to Power Outlet:** Plug the AC prongs of the adapter into a standard 100-240V AC wall outlet.
4. **Power On:** Your device should now receive power or begin charging, depending on its design.

### 5. Operating Instructions

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Once connected, the Kircuit 30V AC/DC Adapter operates automatically to provide power to your device.

- **Continuous Power:** The adapter provides continuous DC power to your device as long as it is plugged into a live AC outlet and connected to the device.
- **Battery Charging:** If your device has a rechargeable battery, the adapter will charge it when connected. The charging status (e.g., indicator lights) will be displayed on your device, not the adapter.
- **Overcharge Protection:** The adapter includes built-in overcharge protection to prevent damage to your device's battery.
- **Disconnection:** To disconnect, first unplug the adapter from the wall outlet, then disconnect the barrel plug from your device.

### 6. Maintenance

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Proper care and maintenance will extend the life 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 aerosols.
- **Storage:** When not in use, store the adapter 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 its cable for any signs of damage, such as cuts, fraying, or exposed wires. If damage is found, discontinue use immediately.

## 7. Troubleshooting

If you encounter issues with your Kircuit AC/DC Adapter, refer to the following common problems and solutions:

| Problem                                          | Possible Cause                                                                                                                                                                                                                              | Solution                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Adapter not providing power/device not charging. | <ul style="list-style-type: none"><li>◦ Adapter not fully plugged into outlet.</li><li>◦ Outlet is not live.</li><li>◦ Adapter cable or plug is damaged.</li><li>◦ Device's input port is damaged.</li><li>◦ Incompatible device.</li></ul> | <ul style="list-style-type: none"><li>◦ Ensure adapter is firmly plugged into a working wall outlet.</li><li>◦ Test the outlet with another device.</li><li>◦ Inspect the adapter and cable for visible damage. If damaged, discontinue use.</li><li>◦ Ensure the adapter's specifications (30V DC, 1A) match your device's requirements.</li><li>◦ Try connecting the adapter to another compatible device if available to isolate the issue.</li></ul> |
| Adapter feels hot during use.                    | <ul style="list-style-type: none"><li>◦ Normal operation (slight warmth).</li><li>◦ Overload or poor ventilation.</li></ul>                                                                                                                 | <ul style="list-style-type: none"><li>◦ A slight warmth is normal.</li><li>◦ Ensure the adapter is not covered and has adequate airflow.</li><li>◦ Verify the device's power consumption does not exceed the adapter's 1A output.</li><li>◦ If it becomes excessively hot or emits smoke/smell, unplug immediately and discontinue use.</li></ul>                                                                                                        |

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

## 8. Specifications

| Attribute               | Value                                |
|-------------------------|--------------------------------------|
| Brand                   | Kircuit                              |
| Manufacturer            | Shenzhen Waweis Technology Co., Ltd  |
| Model Numbers           | FW200300US, KL-WA300100-X, SW-WB250A |
| Input Voltage           | 100-240 Volts (AC), 50/60Hz, 0.3A    |
| Output Voltage          | 30 Volts (DC)                        |
| Output Current          | 1 Ampere (1000mA)                    |
| Connectivity Technology | Powerline                            |
| Connector Type          | Barrel Plug                          |

| Attribute            | Value                                                                                                                                 |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Compatible Devices   | Tineco FW200300US Floor One S7 Pro Smart Cordless Wet Dry Vacuum Cleaner (25.2V 3900mAh Lion Battery models KL-WA300100-X, SW-WB250A) |
| Color                | Black                                                                                                                                 |
| Item Weight          | 5.3 ounces                                                                                                                            |
| Package Dimensions   | 2 x 2 x 2 inches                                                                                                                      |
| Date First Available | April 19, 2024                                                                                                                        |

## 9. Warranty and Support

This product is manufactured by Shenzhen Waweis Technology Co., Ltd under the Kircuit brand.

For specific warranty information, please refer to the documentation provided with your purchase or contact the seller directly. General return policies may apply as per the retailer's terms.

For technical support or inquiries, please contact the seller or manufacturer through their official channels.

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