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## ABLEGRID KA404 Series Adapter

# ABLEGRID AC/DC Adapter for Kaito KA404 Series Flashlight - Instruction Manual

Model: KA404 Series Adapter

## 1. PRODUCT OVERVIEW

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This ABLEGRID AC/DC Adapter is designed to provide reliable power to your Kaito KA404, KA404C, KA404R, or KA404W Emergency Hand Crank Dynamo 5-LED Flashlight with AM/FM Radio. It converts standard AC wall power to the appropriate DC voltage required by your device, ensuring consistent performance and charging.

### Key Features:

- **Wide Input Voltage:** Supports World Wide Input Voltage 100-240VAC 50/60Hz, making it suitable for international use with appropriate plug adapters.
- **Safety Protections:** Equipped with Over Voltage Output Protection (OVP), Over Current Output Protection (OCP), and Short Circuit Output Protection (SCP) to safeguard your device and the adapter.
- **Reliable Performance:** Tested units ensure great working condition and consistent power delivery.



*Image 1.1: The ABLEGRID AC/DC Adapter. This image shows the compact black adapter block with a standard two-prong US plug and an attached black power cord coiled neatly.*

## 2. SETUP AND CONNECTION

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Follow these steps to properly set up and connect your ABLEGRID AC/DC Adapter:

1. **Verify Compatibility:** Before connecting, ensure that your Kaito flashlight model (KA404, KA404C, KA404R, KA404W) is compatible with this adapter. Refer to your flashlight's manual for power input specifications.
2. **Connect to Device:** Locate the power input port on your Kaito flashlight. Carefully insert the adapter's output connector into this port. Ensure a snug and secure fit.
3. **Connect to Power Outlet:** Plug the adapter's two-prong plug into a standard AC wall outlet (100-240VAC). Ensure the outlet is easily accessible and in good condition.
4. **Power On:** Once connected, your Kaito flashlight should begin charging or power on, depending on its design. Observe any charging indicators on your flashlight.

### **Important Safety Information:**

- Do not use the adapter if the cord is damaged or frayed.
- Avoid exposing the adapter to moisture or extreme temperatures.
- Always unplug the adapter from the wall outlet when not in use or during electrical storms.
- This adapter is designed for indoor use only.

## 3. OPERATING INSTRUCTIONS

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The ABLEGRID AC/DC Adapter functions as a power supply and charger for compatible Kaito KA404 series flashlights. Once properly connected as described in the "Setup and Connection" section:

- **Charging:** When connected to a powered wall outlet and your Kaito flashlight, the adapter will supply

power to charge the flashlight's internal battery. The charging time will vary depending on the flashlight's battery capacity and current charge level. Refer to your flashlight's manual for specific charging indicators and times.

- **Direct Power:** The adapter can also provide continuous power to operate the flashlight directly from a wall outlet, bypassing the battery, if your flashlight model supports this feature.

Always ensure the adapter is securely plugged into both the wall outlet and the device for optimal performance.

## 4. MAINTENANCE AND CARE

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Proper maintenance ensures the longevity and safe operation of your ABLEGRID AC/DC Adapter:

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the exterior of the adapter. 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 moisture. Avoid tightly coiling the power cord to prevent damage.
- **Inspection:** Periodically inspect the adapter and its cord for any signs of damage, such as cuts, fraying, or bent prongs. If damage is found, discontinue use immediately.

## 5. TROUBLESHOOTING

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If you encounter issues with your ABLEGRID AC/DC Adapter, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Adapter not providing power/charging.	Not properly plugged in. Faulty wall outlet. Damaged adapter or cable. Incompatible device.	Ensure both ends of the adapter are securely connected. Test the wall outlet with another device. Inspect the adapter and cable for visible damage. Discontinue use if damaged. Confirm your device model is listed as compatible.
Adapter feels unusually hot.	Overload or poor ventilation. Internal fault.	Ensure the adapter is in a well-ventilated area. Disconnect immediately and cease use. Contact support if the issue persists.

If these steps do not resolve the issue, please contact ABLEGRID customer support for further assistance.

## 6. SPECIFICATIONS

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Feature	Detail
Brand	ABLEGRID
Input Voltage	100-240VAC
Frequency Range	50/60Hz
Power Source	Corded Electric
Main Power Connector Type	2 Pin (US Standard)
Special Features	OVP, OCP, SCP Protection (Over Voltage, Over Current, Short Circuit Protection)
ASIN	B075XHH3MP

## 7. WARRANTY AND SUPPORT

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This ABLEGRID product is designed for reliability and performance. For information regarding warranty coverage, please refer to the documentation provided with your purchase or visit the official ABLEGRID website.

If you require technical assistance, have questions about product compatibility, or need to report an issue, please contact ABLEGRID customer support. Contact details can typically be found on the product packaging or the ABLEGRID brand store page.