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## SKKSource AC/DC Adapter Charger

# SKKSource AC/DC Adapter Charger User Manual

For Cyrusher XF590, XF770, XF690 Electric Bikes

## 1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your SKKSource AC/DC Adapter Charger. This charger is specifically designed for use with Cyrusher XF590, XF770, and XF690 Electric Bikes. It is **NOT compatible with any other electric bike models or devices**

### 1.1 Package Contents

- 1 x SKKSource AC/DC Adapter Charger Unit
- 1 x AC Input Power Cord



An overview of the SKKSource AC/DC Adapter Charger, including the main power brick, the detachable AC input cable with a two-prong plug, and the integrated DC output cable with its connector.

## 2. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before using the charger. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Compatibility:** Use this charger ONLY with Cyrusher XF590, XF770, and XF690 Electric Bikes. Using it with incompatible devices may cause damage or safety hazards.
- **Power Source:** Connect the charger only to a standard wall outlet within the specified input voltage range (100-240V).
- **Environment:** Do not expose the charger to water, rain, moisture, or extreme temperatures. Use in a well-ventilated area.
- **Damage:** Do not use the charger if the cables or adapter unit are damaged. Inspect for cuts, frayed wires, or exposed conductors before each use.
- **Disassembly:** Do not attempt to open or disassemble the charger. There are no user-serviceable parts inside.
- **Children:** Keep the charger out of reach of children and pets.

- **Ventilation:** Ensure adequate ventilation around the charger during use. Do not cover it with cloth or place it in an enclosed space.
- **Disconnecting:** Always unplug the charger from the wall outlet before disconnecting it from the electric bike.

## BUILT IN WITH SAFETY ELECTRONICS



Over Charge Protection



Over Voltage Protection



Short-circuit Protection



Over Current Protection



Over Temp Protection



An illustration demonstrating the built-in safety electronics of the adapter, including protections against overcharge, over voltage, short-circuit, over current, and over temperature, with corresponding icons.

### 3. SETUP

Follow these steps to properly set up your SKKSource AC/DC Adapter Charger:

1. **Identify Charging Port:** Locate the charging port on your Cyrusher XF590, XF770, or XF690 Electric Bike. Refer to your bike's user manual if you are unsure.
2. **Connect DC Output:** Carefully insert the DC output connector of the adapter into the charging port of your electric bike. Ensure a secure and snug fit.
3. **Connect AC Input:** Plug the detachable AC input power cord into the AC input receptacle on the adapter unit.
4. **Connect to Power Outlet:** Plug the other end of the AC input power cord into a standard, grounded wall outlet (100-240V).

The charger is now ready to begin charging your electric bike.

## 4. OPERATING INSTRUCTIONS

Once properly set up, the charger will begin to supply power to your electric bike's battery.

- **Charging Indication:** The charger itself does not have an indicator light. Please refer to your electric bike's display or battery indicator for charging status.
- **Charging Time:** Charging time will vary depending on the battery level and capacity of your electric bike. Consult your Cyrusher electric bike's manual for estimated charging times.
- **Disconnecting:** When charging is complete, or if you need to disconnect the charger, first unplug the AC input power cord from the wall outlet. Then, carefully remove the DC output connector from your electric bike's charging port.



On a business trip



Travel vacation



in the car



in the office



Images depicting various usage scenarios for the compact adapter, such as on a business trip, travel vacation, in a car, and in an office, emphasizing its portability and convenience.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your charger.

- **Cleaning:** Disconnect the charger from all power sources before cleaning. Wipe the exterior of the

adapter unit and cables with a dry, soft cloth. Do not use liquid cleaners or solvents.

- **Storage:** Store the charger in a cool, dry place away from direct sunlight, moisture, and extreme temperatures. Avoid tightly winding the cables to prevent damage.
- **Inspection:** Regularly inspect the power cords and adapter unit for any signs of damage, such as cuts, fraying, or discoloration. If any damage is found, discontinue use immediately and replace the charger.

## 6. TROUBLESHOOTING

If you encounter issues with your charger, refer to the following common problems and solutions:

- **No Power/Not Charging:**
  - Ensure all connections are secure: AC input cord to adapter, adapter to wall outlet, and DC output connector to electric bike.
  - Verify the wall outlet is functional by plugging in another device.
  - Confirm that your electric bike's charging port is clean and free of debris.
  - Double-check that your electric bike model (Cyrusher XF590, XF770, or XF690) is compatible with this charger.
- **Charger Overheating:**
  - Immediately disconnect the charger from both the wall outlet and the electric bike.
  - Ensure the charger is in a well-ventilated area and not covered.
  - Allow the charger to cool down completely before attempting to use it again. If overheating persists, discontinue use.
- **Physical Damage:**
  - If the charger unit or cables show any signs of physical damage, discontinue use immediately to prevent electrical hazards.

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

## 7. SPECIFICATIONS

Key technical specifications for the SKKSource AC/DC Adapter Charger:

- **Brand:** SKKSource
- **Input Voltage:** 100-240V~ 50-60Hz 1.5A
- **Output:** Refer to the product label on the adapter for specific output voltage and current.
- **Color:** Black
- **Material:** Composite, Metal, Plastic (Flame retardant and high temperature resistant ABS and PC synthetic materials)
- **Power Cord:** High quality 3x0.5 mm copper core, antioxidant and corrosion resistant.
- **Safety Features:** Over Charge Protection, Over Voltage Protection, Short-circuit Protection, Over Current Protection, Over Temperature Protection. Certified with CE, FCC.
- **Manufacturer:** Shenzhen AiNaU Technological Co., Ltd



A detailed view of the product label on the AC/DC adapter, displaying input specifications (100-240V~ 50-60Hz 1.5A), model information, and various safety certifications like CE and the WEEE symbol.



A diagram illustrating the internal structure of the adapter, highlighting stable output voltage, automatic overload cut-off, and short circuit protection. It also details the high-quality 3x0.5 mm copper core power cord and the flame-retardant ABS and PC synthetic shell materials.

## 8. WARRANTY AND SUPPORT

For warranty information, product support, or to inquire about replacement parts, please refer to your purchase documentation or contact SKKSource customer support directly. Contact details can typically be found on the product packaging or the retailer's website where the product was purchased.