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> 54.6V AC/DC Adapter Charger Compatible with Samebike MY-SM26 X09 XWLX09 LOTDM200 LO26 DM-200 DM200 20LVXD30 20LVXD30-IT 26A C05 RS-A01 XWC05 YY26 M200 48VDC Li-ion Battery

XMHEIRD XSD-4000450HUSD20240726-0024

Instruction Manual

54.6V AC/DC Adapter Charger

INTRODUCTION

This manual provides essential information for the safe and efficient use of your XMHEIRD 54.6V AC/DC Adapter Charger. Please read this manual thoroughly before operating the device and retain it for future reference. This charger is designed for use with compatible 48VDC Li-ion batteries, specifically those found in Samebike models such as MY-SM26, X09, XWLX09, LOTDM200, LO26, DM-200, DM200, 20LVXD30, 20LVXD30-IT, 26A, C05, RS-A01, XWC05, YY26, and M200.

SAFETY INFORMATION

Your safety is paramount. Please observe the following precautions:

- **Compatibility Check:** Before connecting, always verify the DC socket type, power consumption (which must not exceed the adapter's maximum output), and polarity of your device. Incorrect usage may lead to damage or malfunction.
- **Protection Mechanisms:** This charger is equipped with multiple safety features, including protection against short circuiting, overvoltage, overcurrent, and internal overheating. However, proper handling is still required.
- **Indoor Use Only:** This device is intended for indoor use in dry conditions. Do not expose to rain, moisture, or extreme temperatures.
- **Ventilation:** Ensure adequate ventilation around the charger during operation to prevent overheating. Do not cover the charger.
- **Handle with Care:** Avoid dropping or subjecting the charger to strong impacts. Do not disassemble or attempt to repair the charger yourself. Refer to qualified personnel for service.
- **Children and Pets:** Keep the charger and its cables out of reach of children and pets.
- **Unplug When Not In Use:** Disconnect the charger from the power outlet when not in use or during electrical storms.

PRODUCT OVERVIEW

Familiarize yourself with the components of your charger.



Figure 1: The XMHEIRD 54.6V AC/DC Adapter Charger, showing the main charging unit, the detachable AC power cord, and the DC output cable with its connector.



Weight: 280g

Length: 3.6ft / 110cm

Figure 2: Side view of the charger, illustrating its compact size and indicating a weight of 280g and a cable length of 3.6ft (110cm).



Figure 3: Angled view of the charger highlighting its dimensions: approximately 5.23 inches in length, 2.63 inches in width, and 1.78 inches in height.



Figure 4: A detailed view of the DC output connector, which plugs into the battery or device to be charged. Ensure this matches your device's input port.

SPECIFICATIONS

Feature	Detail
Model Number	XSD-4000450HUSD20240726-0024

Feature	Detail
Input Voltage	100V-240V AC, 50/60Hz
Output Voltage/Current	54.6V DC, 2A (Micro USB)
Product Dimensions	5 x 2.4 x 1.2 inches (approx. 12.7 x 6.1 x 3.0 cm)
Item Weight	3 ounces (approx. 85 grams)
Color	Black
Manufacturer	ShenZhen Moveforest Electric Appliance Industry Co.,LTD
Country of Origin	China
Compatible Devices	Samebike MY-SM26, X09, XWLX09, LOTDM200, LO26, DM-200, DM200, 20LVXD30, 20LVXD30-IT, 26A, C05, RS-A01, XWC05, YY26, M200 48VDC Li-ion Battery

SETUP

- Unpack:** Carefully remove the charger and all components from the packaging.
- Inspect:** Check the charger and cables for any visible damage. Do not use if damaged.
- Connect AC Power Cord:** Insert the AC power cord into the charger's input port.
- Verify Compatibility:** Before plugging into your device, ensure the charger's output specifications (54.6V DC, 2A, Micro USB connector) match your device's charging requirements. Pay close attention to the DC socket type and polarity.

OPERATING INSTRUCTIONS

- Plug into Wall Outlet:** Insert the AC power cord plug into a standard 100V-240V AC wall outlet. The charger's indicator light (if present) may illuminate, indicating power is supplied.
- Connect to Device:** Carefully insert the DC output connector of the charger into the charging port of your compatible 48VDC Li-ion battery or device.
- Monitor Charging:** Observe the charging indicator on your device (if available) to confirm that charging has begun. The charger itself may also have an indicator light that changes color (e.g., red for charging, green for fully charged).
- Disconnect After Charging:** Once your device's battery is fully charged, first disconnect the DC output connector from your device, then unplug the charger from the wall outlet.

Important: Do not leave the charger connected to the device or power outlet for extended periods after charging is complete. Avoid charging in direct sunlight or excessively hot environments.

MAINTENANCE

- Cleaning:** Disconnect the charger from all power sources before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or abrasive materials.
- Storage:** Store the charger in a cool, dry place away from direct sunlight and moisture when not in use. Coil cables loosely to prevent damage.

- **Cable Care:** Do not bend, twist, or pinch the cables excessively. Regularly inspect cables for fraying or damage. Replace if any damage is observed.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger not powering on / No indicator light	No power from outlet; Loose connection; Faulty charger.	Check wall outlet with another device. Ensure AC cord is firmly connected to charger and outlet. Try a different outlet. If problem persists, contact customer support.
Device not charging	Incorrect charger compatibility; Loose DC connection; Device battery issue.	Verify charger output specifications match device input. Ensure DC connector is fully and correctly inserted. Check device's charging port for debris. Test device with another known-good charger if possible.
Charger gets excessively hot	Poor ventilation; Overload; Internal fault.	Ensure charger is in a well-ventilated area. Do not cover it. Confirm device power consumption does not exceed charger's max output. Discontinue use if overheating persists and contact support.

WARRANTY AND SUPPORT

This XMHEIRD product comes with a **12-month guarantee** from the date of purchase. We are committed to providing friendly customer service.

Return Policy: Products are eligible for return or replacement within **30 days** of purchase.

If you encounter any issues with your product, please do not hesitate to contact us. We will gladly assist with returns, resends, or provide a full refund as applicable. For support, please visit the [XMHEIRD Store on Amazon](#) or refer to your purchase documentation for direct contact information.