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Xietongpo C150-2.5dcnew

Xietongpo 54.6V 3A Charger for 48V 13S Lithium Li-ion Battery Pack User Manual

Introduction

This manual provides essential instructions for the safe and efficient use of your Xietongpo 54.6V 3A charger. This charger is specifically designed for 48V 13S Lithium Li-ion battery packs and is compatible with various electric devices. Please read this manual thoroughly before operation to ensure proper usage and to prevent damage to the charger or your battery.

Safety Information

Your safety is paramount. Please observe the following safety guidelines:

- **Compatibility:** This charger is designed exclusively for 48V 13S Lithium Li-ion battery packs.**Do not use it for Lead Acid battery packs or any other battery chemistry.** Using the wrong charger can cause severe damage, fire, or injury.
- **Indoor Use Only:** Use the charger in a dry, well-ventilated indoor environment. Avoid exposure to water, moisture, or extreme temperatures.
- **Ventilation:** Ensure adequate ventilation around the charger during operation to prevent overheating. Do not cover the charger.
- **Connections:** Always ensure all connections are secure before plugging the charger into a power outlet.
- **Unplug When Not in Use:** Disconnect the charger from both the battery and the power outlet when not in use or before cleaning.
- **Damage:** Do not operate the charger if the cord, plug, or casing is damaged. Contact customer support for assistance.
- **Children and Pets:** Keep the charger out of reach of children and pets.

Built-in Safety Protections:

The Xietongpo charger incorporates six smart safety protections to ensure safe and reliable charging:

- Overcurrent Protection
- Overvoltage Protection

- Short-circuit Protection
- Overheating Protection
- Overcharge Protection
- Reverse Protection



The charger features six smart safety protections for enhanced user safety.

Package Contents

Please verify that all items are present in your package:

- 1 x 54.6V 3A Battery Charger with 5.5*2.5mm + 5.5*2.1mm Male Plug
- 1 x AC Power Cable
- 1 x 8mm 3 Prong Female Plug Adapter
- 1 x 3 Pin XLR Male Connector Adapter
- 1 x User Manual (this document)



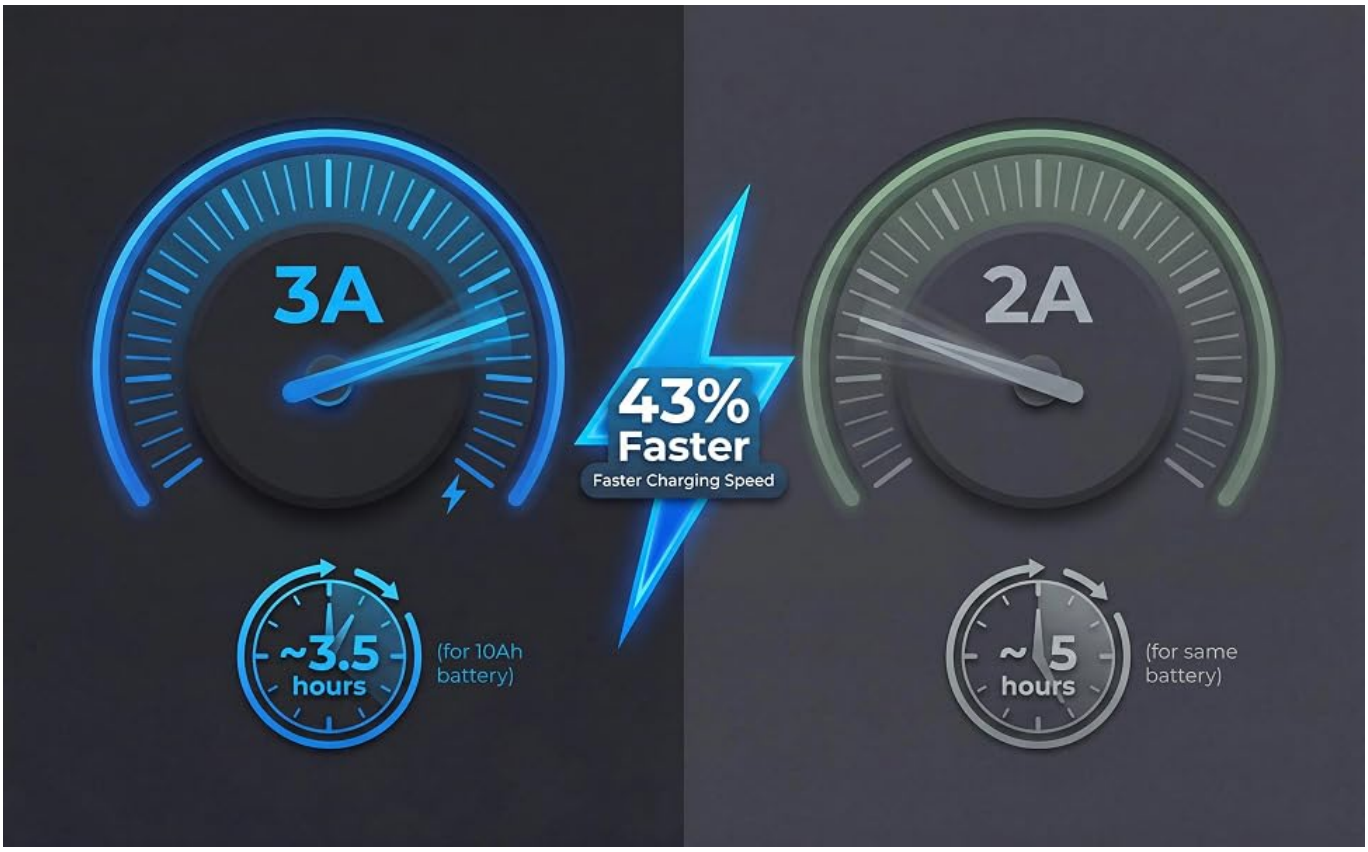
Included components: charger, AC cable, and various output connectors.

Product Features

- **Universal Compatibility:** Designed for 48V 13S Lithium Li-ion battery packs.
- **Multiple Output Heads:** Includes DC 5.5*2.5mm, 5.5*2.1mm 1-Prong male plug, 8mm 3-Prong female plug, and 3-pin XLR male connector for broad device compatibility.
- **Fast Charging:** 3A output current provides faster charging compared to standard 2A chargers.
- **LED Indicator:** A clear LED light indicates charging status (Red for charging, Green for complete).
- **Robust Design:** Features an ABS solid build shell and high-quality copper wire with aluminum foil shield for durability and efficient power transfer.



The charger comes with multiple interchangeable DC plugs to fit various devices.



Experience 43% faster charging with the 3A output.

Setup

Follow these steps to set up your charger:

1. **Identify Correct Connector:** Examine your device's charging port and select the appropriate DC output connector from the provided options (5.5*2.5mm, 5.5*2.1mm, 8mm 3-prong female, or 3-pin XLR). Ensure a snug and secure fit.
2. **Connect to Battery:** Plug the selected DC output connector into your 48V Lithium Li-ion battery pack's charging port.
3. **Connect AC Power:** Insert the AC power cable into the charger's input port, then plug the other end of the AC cable into a standard 100-240V wall outlet.
4. **Verify Connection:** Once connected, the charger's LED indicator should illuminate.

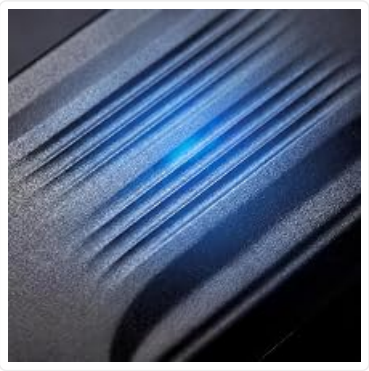


Ensure the correct connector is chosen for your device.

Operating Instructions

Once set up, the charger operates automatically:

- **Charging Indication:** When the battery is charging, the LED indicator on the charger will glow **red**.
- **Charge Completion:** When the battery is fully charged, the LED indicator will turn **green**.
- **Disconnecting:** Once charging is complete (green LED), first unplug the AC cable from the wall outlet, then disconnect the DC connector from your battery pack.



The LED indicator shows red during charging and green when charging is complete.

Your browser does not support the video tag.

This video demonstrates the use of the Xietongpo charger for e-bikes and e-scooters, showcasing its features and operation.

Maintenance

To ensure the longevity and optimal performance of your charger, follow these maintenance tips:

- **Cleaning:** Wipe the charger with a soft, dry cloth. Do not use liquid cleaners or solvents.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Cable Care:** Avoid bending or crimping the cables excessively. Do not pull the cable to disconnect; always grasp the plug.
- **Inspection:** Periodically inspect the charger and cables for any signs of damage.

Troubleshooting

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

- **Charger LED is off / Not charging:**
  - Ensure the AC power cable is securely plugged into both the charger and a working wall outlet.
  - Verify that the DC output connector is firmly seated in the battery's charging port.
  - Check if the wall outlet is functional by plugging in another device.
- **LED remains red after extended charging:**
  - While the charger's LED should turn green upon full charge, some battery management systems (BMS) or device displays may show 100% charge before the charger's LED changes. If your device indicates a full charge, you may disconnect the charger.
  - Ensure the battery pack is indeed a 48V 13S Lithium Li-ion type.
- **Charger feels warm during operation:**
  - It is normal for the charger to become warm during charging. However, if it feels excessively hot, ensure it is in a well-ventilated area and not covered.
  - If overheating persists, discontinue use and contact support.

Specifications

Brand	Xietongpo
Model Number	C150-2.5dcnew
Input Voltage	100-240V AC, 50-60 Hz
Output Voltage	54.6V DC
Current Rating	3A
Compatible Devices	48V 13S Lithium Li-ion Battery Packs
Connector Types	3 pin XLR male plug, DC Barrel 5.5*2.5mm, DC Barrel 5.5*2.1mm, 8mm 3 prong female plug
Product Dimensions	10"D x 10"W x 10"H (Approximate)
Item Weight	1.8 pounds
Certifications	CE, FCC, ETL-UL 1012

Warranty Information

The Xietongpo 54.6V 3A Charger comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation. Please retain your proof of purchase for warranty claims.

Support

For any questions, technical assistance, or warranty inquiries, please contact Xietongpo customer support. You can find more information and contact details by visiting the Xietongpo Store on Amazon.

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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