



# FOXTECH Intelligent Two-way Battery Charger Instruction Manual

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## FOXtech

### Intelligent Two-way Battery Charger Instruction Manual

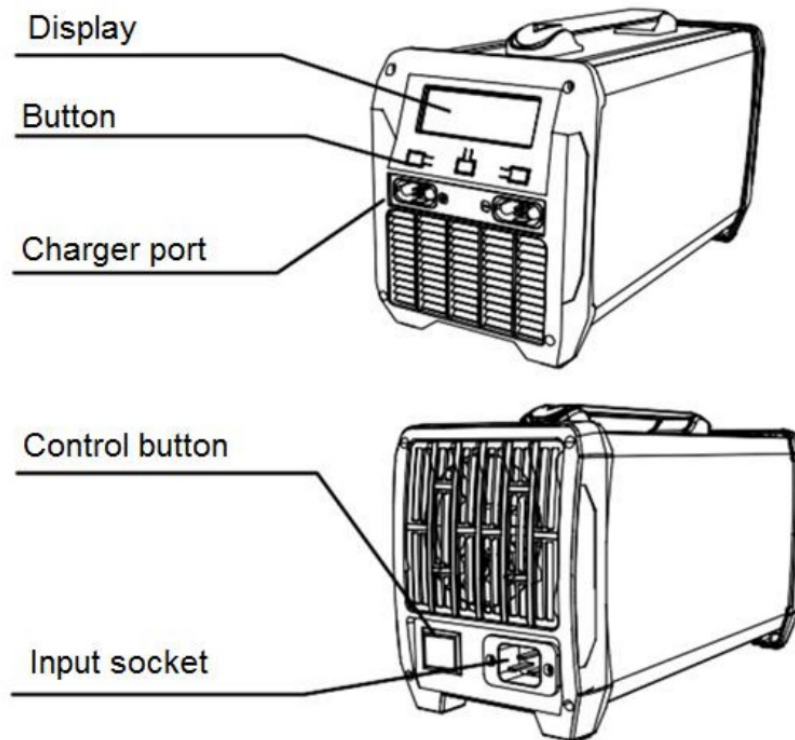


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## Introduction

The intelligent two-way UAV battery charger is a product for rapid charging of UAV Lipo battery with the maximum charging power of 1200W\*2. This product uses an independent power supply design. The internal circuit is highly intelligent, integrated, and modular. High-precision data monitoring and optimal charging algorithm are used to achieve efficient and safe charging and delay battery aging. This product is easy to be operated by one click without setting. The whole charging screen is clear and intuitive. The charging state is displayed digitally to intuitively know the charger and battery state.



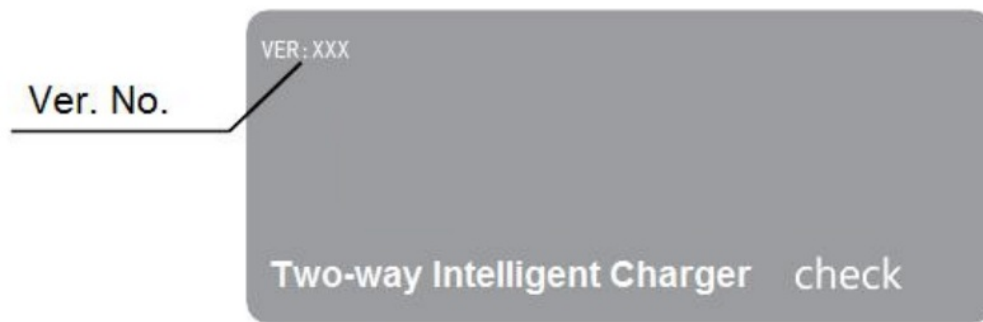
### Parameters:

1. Input voltage: AC 110V-240V;
2. Max. Charging power: 1200W\*2;
3. Display mode: LCD;
4. A number of battery series supported: 12S.13S.14S; 5. Weight: Approx.
5. 50kg
6. Dimensions: 340mm\*195mm\*145mm

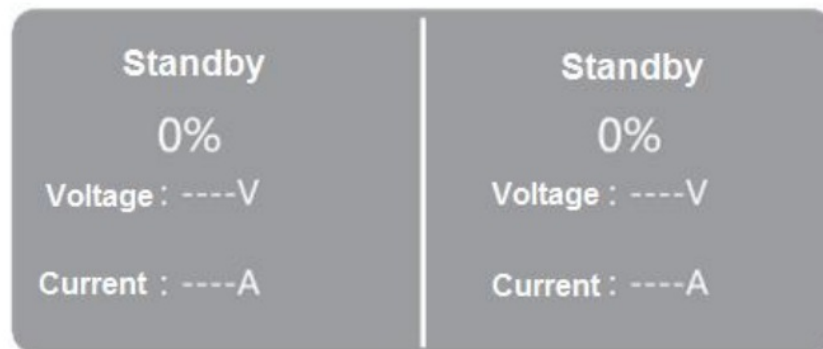
## Operation

1. Turn on the AC power supply and make sure that the input wire is plugged tightly. The rear switch is set to position 0 (OFF), at this time, the charger does not work. Turn the rear switch to position 1 to start the charger and the LCD shows the following information.

## Start Screen

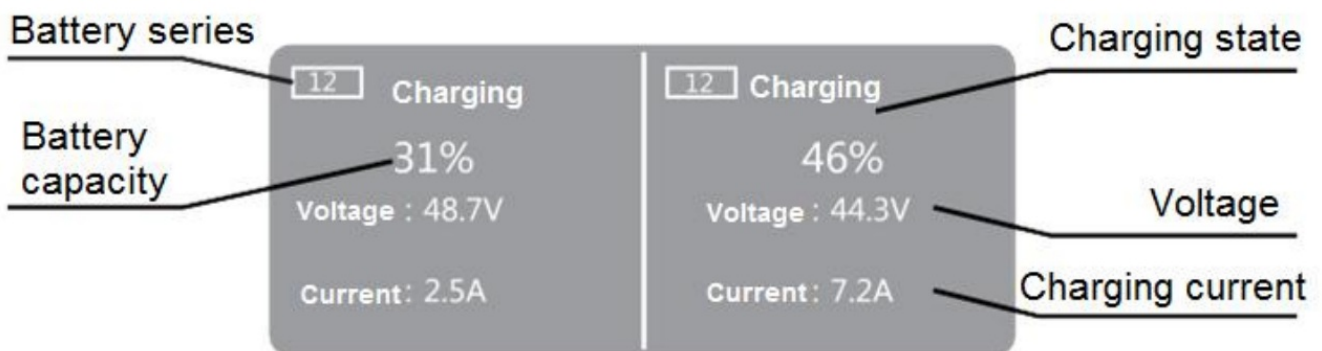


## Start Home Screen



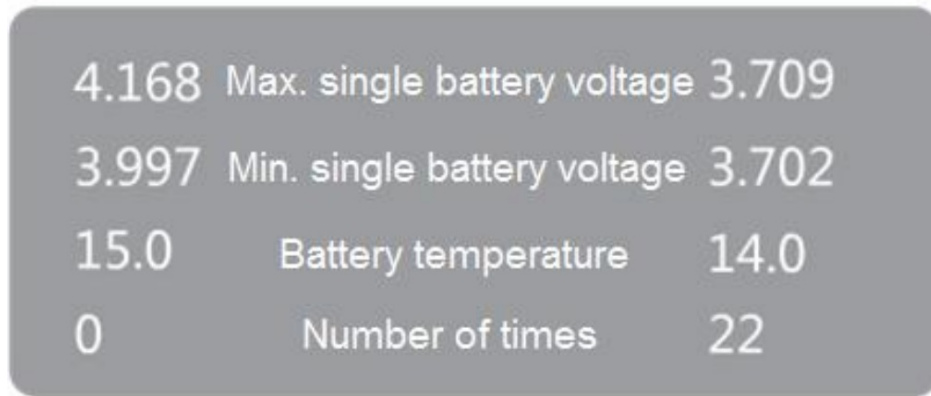
2. Put the battery into the charger port. After the battery is automatically turned on, the charger will automatically recognize the battery type and then automatically start the charging. At this time, the charger is in the charging state. The LCD will display the current charging state, battery capacity, number of battery series, voltage and charging current. The fan will rotate at the same time until the charging state is displayed at 100%.

### Charging Home Screen



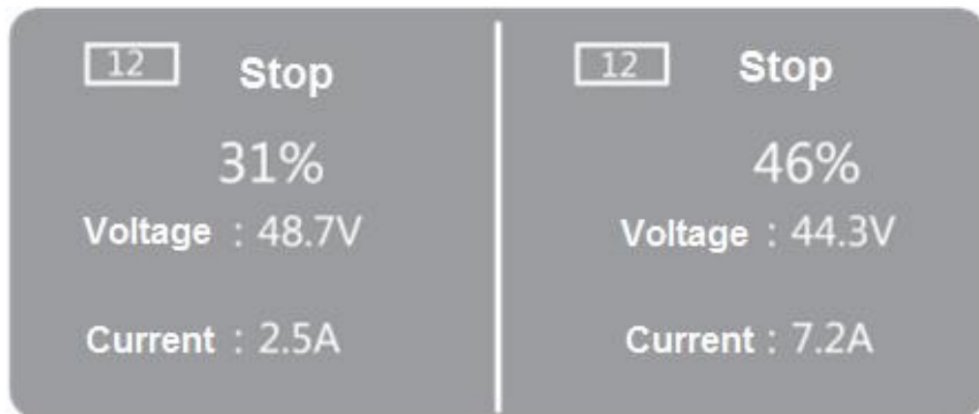
3. In the normal charging process, short press the Mid-Mode Selection button to enter the sub-screen, and then automatically go back to the home screen after 5 sec.

## Charging Sub-Screen



4. In the charging process, short press the switch button under the corresponding charging line of the screen to stop charging and long-press this button again to start charging. In case of any error, it can be removed when the abnormal conditions are eliminated.

## Stop Screen



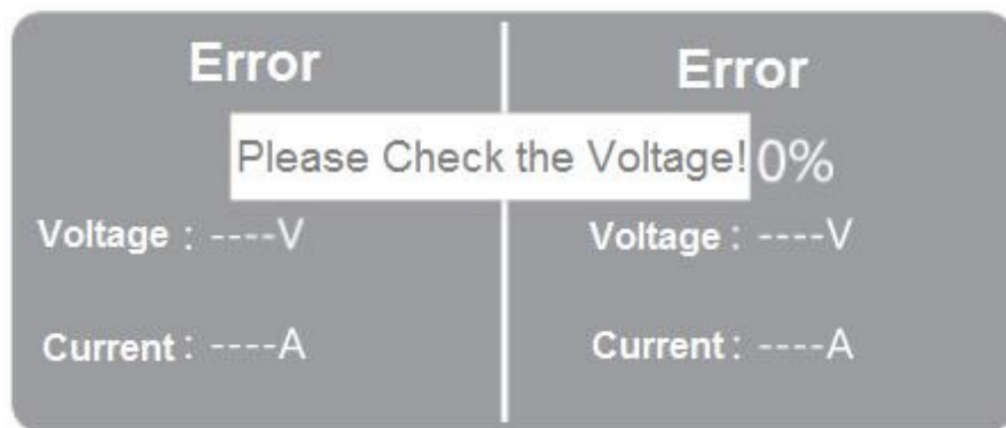
5. Long press the Mid-mode Selection button to enter the power setting screen, where the charging power can be set high and low by using the left and right switch buttons.

## Power Setting Screen

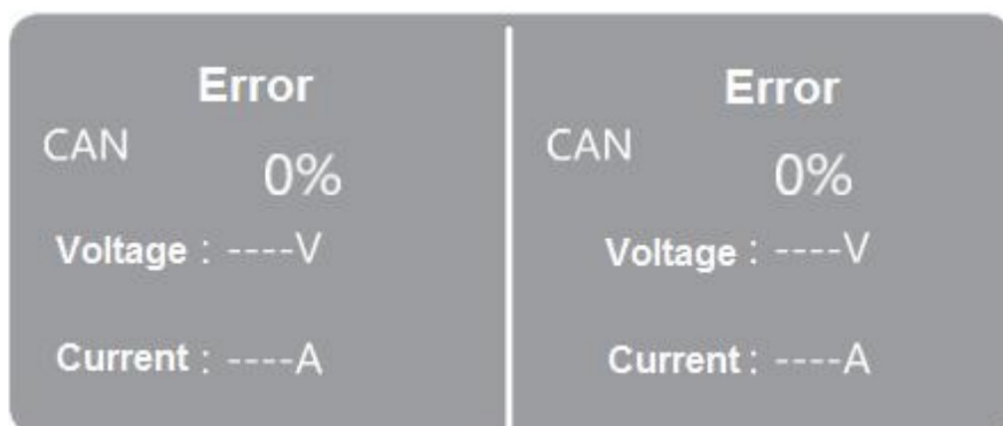


## Troubleshooting

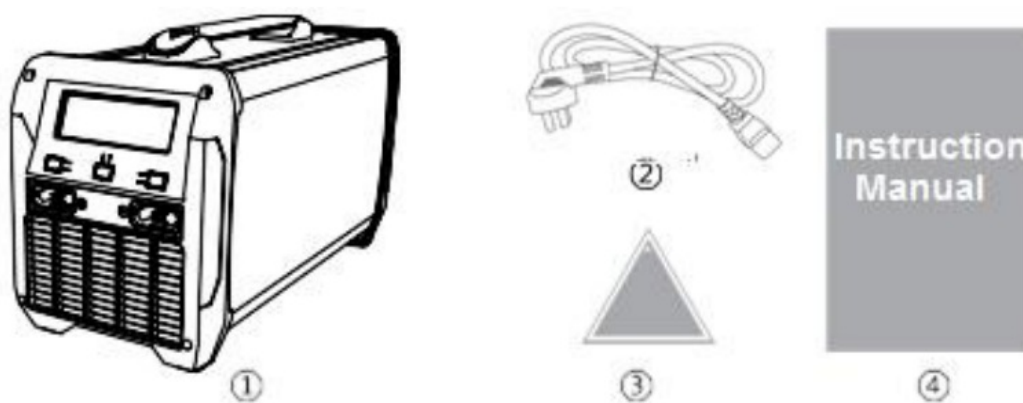
1. When the screen shows "Please Check the Power Supply!" it means that the input voltage is lower than AC90V. Please check whether the input voltage is too low;



2. When the screen shows “CAN Error”, it means that the communication between the charger and the battery stops. Please replace the battery. If this alarm still sound, please call the service hotline;

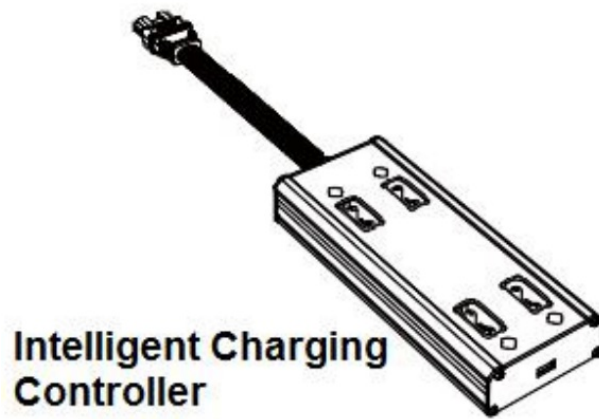


## Packing List



1. Intelligent Two-way Battery Charger
2. Input power cable
3. Certificate of Conformity
4. Instruction Manual

Optional Accessories \* To be ordered separately



1. Type of rechargeable battery: Lipo polymer battery
2. Number of plug-in batteries: 4max 3. Charging mode: Intelligent charging, one at a time, charging in turns
3. Channel state indicator: Green LED
4. Display mode: LED;
5. Number of battery series supported: 12S/13S/14S
6. Charging current: According to the charger

#### **Safety Tips**

For maximum safety, please strictly follow the following information, otherwise, the charger and battery may be damaged or even cause fire.

1. Do not use the charger unattended. If there is any function error, please immediately stop the charging and consult the manual for the cause.
2. Please ensure that the charger is away from dust, humidity, rain, and high temperature. Avoid direct sunlight, strong vibration or impact on the charger.
3. The charger supports AC input voltage of AC110-240V. If the generator is used for outdoor power supply, please ensure that the generator can provide stable voltage and sufficient power. Large voltage change will cause damage to the charger.
4. Please place the charger on the heat-resistant, nonflammable, and insulated surfaces. Do not put it on the car seat, carpet, or other similar places. Please make sure that flammable and explosive objects are far away from the charging area.
5. Please do not charge with the following types of batteries Different models of the battery pack (incl. different manufacturers); Non-rechargeable battery; Battery with special requirements for charging technology; Damaged or defective battery; Battery with built-in combined or protective circuit; Battery installed in other devices or connected to other components; Rechargeable battery not confirmed by the manufacturer whether it is suitable for the current of this charger. \* Only the battery specified by the charger manufacturer can be used for charging.
6. The charger is suitable for those aged 14 and above. Those with behavioral and mental disorders or those without experience must be supervised or guided.
7. If the power cord is damaged, please return it to the manufacturer, supplier, or technician for replacement; if you replace it by yourself, please use the one with enough power and make sure it is tightly plugged into the socket in order to avoid accidents.
8. Please strictly follow the instructions to use the product.

## Disclaimer

The design of this charger is only applicable to the battery listed in this manual. If the user uses the charger for other purposes than those specified in the manual, the company will not take any responsibility. As we are unable to know whether you have carefully read the manual before use, nor how you use and store the product, we refuse to bear any damage or loss caused by or related to improper use. In case of direct or indirect loss caused by our products within the scope of laws, we will compensate subject to the invoice amount for the products.


## Warranty

1. Free maintenance service within one year from the date of purchase
2. The product fault caused by the following causes is not within the scope of free warranty;
  - (1) Fault caused by human factors;
  - (2) Force Majeure: Fault caused by natural disasters such as earthquakes, fires, etc.
  - (3) Fault caused by disassembly and repair without our permission;
  - (4) Damage caused during the transportation by not using the original package in case of return for repair;
  - (5) No warranty card

## Warranty Card

Product Name		Model	
Company or Individual		Tel	
Date of Purchase			
Fault Description			

## Documents / Resources

<div>Instruction Manual</div> <div>Intelligent Two-way Battery Charger</div> <div></div>	<div><a href="#">FOXTECH Intelligent Two-way Battery Charger</a> [pdf] Instruction Manual</div> <div>Intelligent Two-way Battery Charger</div>
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