

Haisito B3V3

Haisito 2S-3S LiPo Battery Charger B3V3 Pro Instruction Manual

1. INTRODUCTION

Welcome to the Haisito 2S-3S LiPo Battery Charger B3V3 Pro manual. This document provides essential information for the safe and efficient operation of your new charger. The Haisito B3V3 Pro is designed to charge 2-cell (7.4V) and 3-cell (11.1V) Lithium Polymer (LiPo) battery packs.

2. SAFETY INFORMATION

Please read and understand all safety warnings and instructions before using this product. Failure to do so may result in fire, injury, or property damage.

- Always charge LiPo batteries on a fire-resistant surface and never leave charging batteries unattended.
- Do not charge damaged, swollen, or punctured LiPo batteries.
- Ensure the charger is used only with compatible 2S or 3S LiPo battery packs.
- Keep the charger away from moisture, heat, and direct sunlight.
- The charger is constructed from highly flame-retardant and fire-resistant materials for enhanced safety.

3. PRODUCT OVERVIEW

The Haisito B3V3 Pro is a compact and portable balance charger featuring an integrated power supply. It is designed for ease of use with clear LED indicators.



Figure 3.1: Main view of the Haisito B3V3 Pro LiPo Battery Charger.

Key Features:

- Supports 2S and 3S LiPo battery cells.

- Maximum charge current: 3 * 1000mA (MAX 15W).
- AC Input Voltage: 100-240V.
- LED indicators for charging status.



Figure 3.2: Haisito B3V3 Pro charger highlighting 2-3S LiPo compatibility, 1000mA max charge current, and 100-240V AC input.

LED Indicator Guide:

- **Red Light:** Indicates the battery is currently charging.
- **Green Light:** Indicates the battery is fully charged.

LED INDICATOR

The power LEDs will turn red when charging begins.
They will turn green when full.



Can not charge for 2S and 3S battery at the same time.

Figure 3.3: Visual explanation of the LED indicator lights (red for charging, green for full) and balance sockets (11.1V for 3-cell, 7.4V for 2-cell).

4. SETUP INSTRUCTIONS

Follow these steps to prepare your Haisito B3V3 Pro charger for use:

1. Connect the charger to a standard AC power outlet (100-240V).
2. Identify the cell count of your LiPo battery (2S or 3S).
3. Connect the balance plug of your LiPo battery to the corresponding 2-CELL or 3-CELL port on the charger. Ensure the plug is inserted correctly and securely.



Figure 4.1: Visual steps for connecting the charger to power and then connecting the battery for charging.

5. OPERATING INSTRUCTIONS

Once the battery is connected, the charging process will begin automatically:

1. Upon successful connection, the LED indicator for the connected cell count (2-CELL or 3-CELL) will illuminate **red**, signifying that charging is in progress.
2. The charger will balance charge each cell independently to ensure optimal battery health and extend its lifespan.
3. When the battery is fully charged, the corresponding LED indicator will turn **green**.
4. Once the LED turns green, safely disconnect the battery from the charger.

This charger is suitable for various applications including RC drones, cars, aircraft, boats, and airsoft guns.

LIPO BALANCE CHARGER

Lipo Battery Charger for RC Drone Car Boat Airsoft Gun

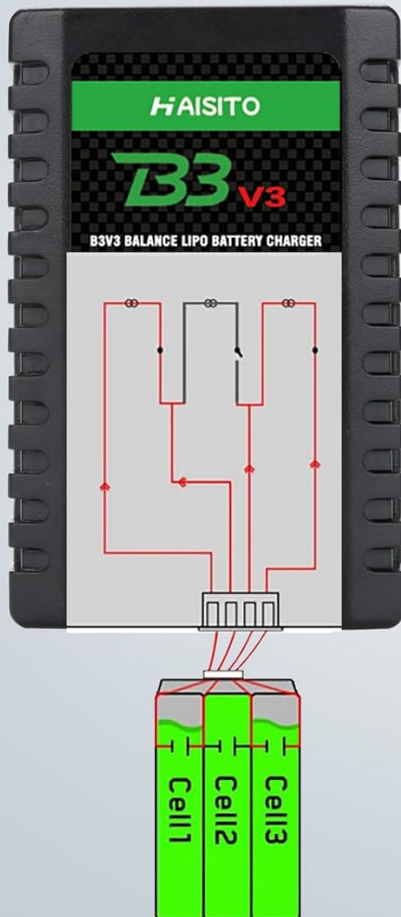


Figure 5.1: The Haisito B3V3 Pro charger shown with examples of RC vehicles it can charge.

The balance charging feature ensures that all cells in your LiPo battery pack are charged to an equal voltage, which is crucial for maintaining battery performance and longevity, unlike normal chargers that may not fully charge all cells.

BALANCE CHARGER

Charge & Check Single Cell
Always Fully Charged
Longer Battery Life Circle



NORMAL CHARGER

Charge & Check All Cell
Always **Not** Fully Charged
Short Battery Life Circle

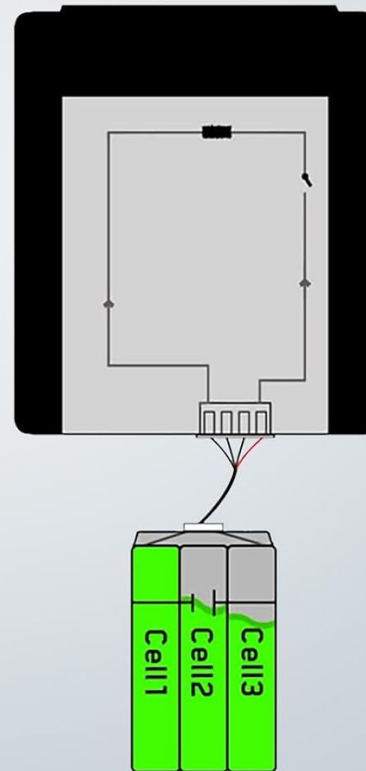


Figure 5.2: Diagram comparing the charging process of a balance charger (left) and a normal charger (right), illustrating how balance charging prolongs battery life.

6. MAINTENANCE

To ensure the longevity and proper functioning of your Haisito B3V3 Pro charger, follow these maintenance guidelines:

- Keep the charger clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Store the charger in a cool, dry environment when not in use.
- Avoid dropping or subjecting the charger to physical impact.
- Regularly inspect the power cord and battery connectors for any signs of damage.

7. TROUBLESHOOTING

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

- **No LED indication when plugged in:** Ensure the AC power cord is securely connected to both the charger

and a working power outlet.

- **LED remains red for an extended period:** This could indicate a deeply discharged or damaged battery. Disconnect the battery and inspect it for any signs of damage (e.g., swelling). If the battery is damaged, discontinue use.
- **Battery not charging:** Verify that the battery's balance plug is correctly and firmly inserted into the appropriate 2-CELL or 3-CELL port on the charger.

8. SPECIFICATIONS

Feature	Detail
Model Number	B3V3
Input Voltage	AC 100-240V
Output Voltage (2S)	7.4V (DC)
Output Voltage (3S)	11.1V (DC)
Max Charge Current	3 * 1000mA (MAX 15W)
Cut-off Voltage (2S)	8.4V
Cut-off Voltage (3S)	12.6V
Product Dimensions	4.8 x 2.8 x 3.2 inches
Item Weight	5.3 ounces
Material	Flame-retardant and fire-resistant materials
Protections	Over-voltage, Over-current, Over-temperature, Over-circuit



Figure 8.1: Detailed dimensions of the Haisito B3V3 Pro charger and its power cable.

SMALL AND PORTABLE

it can charge battery better and faster, maximize battery's life and performance.



Over voltage
Protection



Over-Current
Protection



Over-Temperature
Protection



Over-Circuit
Protection

Figure 8.2: The Haisito B3V3 Pro charger connected to a battery, illustrating its compact size and built-in protection features.

9. WARRANTY AND SUPPORT

This Haisito product includes a permanent warranty. For any questions, concerns, or support needs, please contact our customer service team. We are committed to providing timely assistance.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for

conversion attribution. [Privacy details](#).

Question

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.

Submit question