

[Manuals.plus](#) /

› [WFLNHB](#) /

› WFLNHB 48V 3-Pin Battery Charger for Yamaha Golf Cart (2007-Up) Instruction Manual

WFLNHB 48V 3-Pin Battery Charger

WFLNHB 48V 3-Pin Battery Charger for Yamaha Golf Cart (2007-Up) Instruction Manual

Model: 48V 3-Pin Battery Charger

Brand: WFLNHB

1. IMPORTANT SAFETY INSTRUCTIONS

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

- **Indoor Use Only:** This charger is designed for indoor use in a dry environment. Do not expose to rain, moisture, or extreme temperatures.
- **Proper Ventilation:** Ensure adequate ventilation around the charger during operation to prevent overheating. Do not cover the charger.
- **Electrical Connection:** Connect the charger to a properly grounded 120V AC outlet. Do not use extension cords unless absolutely necessary, and ensure they are rated for the charger's power requirements.
- **Battery Compatibility:** This charger is specifically designed for 48V lead-acid batteries in Yamaha Golf Carts (2007 and newer) with a 3-pin plug. Do not use with other battery types or voltages.
- **Disconnect Before Connecting/Disconnecting:** Always disconnect the AC power from the wall outlet before connecting or disconnecting the charger from the golf cart battery.
- **Damaged Components:** Do not operate the charger if the AC cord, DC cable, or charger unit is damaged. Contact the seller for replacement parts.
- **Children and Pets:** Keep the charger and golf cart out of reach of children and pets.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x WFLNHB 48V Battery Charger with 3-pin Plug
- 1 x Power Cord with US plug

- 1 x Fuse Tube
- 1 x Owner's Manual (this document)



Image: Contents of the WFLNHB 48V Battery Charger package.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your WFLNHB 48V Battery Charger.



Image: Detailed view of the charger's features and interfaces.

- **Forced Ventilation with Fans:** Located on the sides, these fans help dissipate heat during charging.
- **Fuse:** Provides overcurrent protection. Located near the fan on one side.
- **LED1 (Power ON):** Red LED indicating the charger is connected to AC power.
- **LED2 (Charge Status):** Red/Green LED indicating charging progress. Red for charging, Green for fully charged.

- **US Plug Interface:** Standard AC input for the power cord.
- **3-Pin Output Plug:** Connects to the golf cart's charging port.

4. SPECIFICATIONS

Technical specifications for the WFLNHB 48V 3-Pin Battery Charger:



Image: Charger dimensions and electrical parameters.

Feature	Specification
Brand	WFLNHB
Output Voltage	48 Volts DC
Input Voltage	110-120 Volts AC
Current Rating	6 Amperes
Compatible Devices	Yamaha Golf Cart (2007 Up)
Connector Type	3-Pin Plug
Input Plug Type	US Power Plug
Number of Ports	1
Color	Black, Silver

5. SETUP

Follow these steps to set up your WFLNHB 48V Battery Charger:

1. **Unpack:** Carefully remove all components from the packaging and inspect them for any damage.

2. **Placement:** Place the charger on a stable, flat surface in a well-ventilated area, away from direct sunlight, heat sources, and moisture. Ensure the cooling fans are not obstructed.
3. **Connect to Golf Cart:** Insert the 3-pin output plug of the charger firmly into the charging receptacle of your Yamaha Golf Cart. Ensure a secure connection.
4. **Connect to Power Outlet:** Plug the AC power cord into the charger's US plug interface, then plug the other end of the AC power cord into a standard 110-120V AC grounded wall outlet.

Package list

48V Battery Charger
with 3 pin Plug x 1

Power Cord with US
plug x 1

Fuse Tube x 1



Image: Charger with 3-pin output plug and AC power cord connected.

6. OPERATING INSTRUCTIONS

The charger features a three-stage charging mode for optimal battery health and longevity.



Image: Professional Charging Curve demonstrating the three-stage charging process.

Charging Process:

1. Stage 1: Constant Current (Rapid Charging)

The charger delivers a steady, high current to rapidly charge the battery, bringing it to approximately 70-80% of its total capacity. During this stage, the LED2 indicator will be **Red**.

2. Stage 2: Constant Voltage

As the battery approaches full charge, the charger switches to a constant voltage mode. The current gradually decreases, allowing the battery to reach full capacity at a slower rate, preventing overcharging. The LED2 indicator remains **Red** during this stage.

3. Stage 3: Trickle Charge (Float Charge)

Once the battery is fully charged, the charger enters a trickle charge mode. This stage maintains the battery's charge state without overcharging, prolonging battery lifespan. The LED2 indicator will turn **Green**.

LED Indicators:

- **LED1 (Red):** Indicates that the charger is powered ON and connected to an AC outlet.
- **LED2 (Red):** Indicates that the battery is currently charging.
- **LED2 (Green):** Indicates that the battery is fully charged and the charger is in trickle charge mode.

Note: It is normal for the green LED to flash occasionally during the trickle charge stage as the charger monitors and maintains the battery's charge level. This indicates proper operation and not a fault.



Image: Detail of the 3-pin charger output plug.

7. MAINTENANCE

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

- **Cleaning:** Keep the charger clean and free from dust and debris. Use a dry, soft cloth to wipe the exterior. Do not use liquid cleaners.
- **Ventilation:** Regularly check that the cooling fan vents are clear and unobstructed.
- **Cable Inspection:** Periodically inspect the AC power cord and DC output cable for any signs of damage, fraying, or exposed wires. If damage is found, discontinue use and replace the cable or charger.
- **Fuse Replacement:** The charger is equipped with a protective fuse. If the charger stops working and LED1 does not illuminate when plugged into AC power, the fuse may need replacement. Always disconnect the charger from both AC power and the golf cart before attempting to replace the fuse. Use only a fuse of the same type and rating as the original. Refer to the 'Product Details' diagram for fuse location.
- **Storage:** When not in use, store the charger in a cool, dry place, away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Charger not turning on (LED1 off)	No AC power, faulty outlet, damaged power cord, blown fuse.	Check AC outlet with another device. Inspect power cord for damage. Replace fuse if blown (see Maintenance section).
Battery not charging (LED2 remains off or red indefinitely)	Loose connection, deeply discharged battery, faulty battery, charger malfunction.	Ensure 3-pin plug is securely connected to the golf cart. Allow more time for deeply discharged batteries. If problem persists, consult a battery specialist or contact seller.
Green LED (LED2) flashes after full charge	Normal operation during trickle charge.	This is expected behavior. The charger is maintaining the battery's charge level.
Charger gets excessively hot	Poor ventilation, prolonged heavy use, internal fault.	Ensure vents are clear and charger is in a well-ventilated area. If overheating persists, discontinue use and contact seller.
Battery overcharging (e.g., boiling, excessive heat)	Charger malfunction (failure to switch to trickle charge).	Immediately disconnect the charger. This indicates a serious fault. Do not use the charger again and contact the seller for assistance.

9. WARRANTY AND SUPPORT

Information regarding product warranty is not explicitly provided in the available data. For specific warranty terms and

conditions, please refer to the product listing on the retailer's website or contact the seller directly.

For technical support, troubleshooting assistance beyond this manual, or to inquire about replacement parts, please contact WFLNHB customer service through the platform where you purchased the product. Provide your order number and a detailed description of the issue for prompt assistance.

© 2026 WFLNHB. All rights reserved.

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

Open the live page

<https://manuals.plus/asin/B08BXGZC53>

More documents and user manuals: <https://manuals.plus/>