TEMGO LZT800W4815T

TEMGO 15 AMP 48 Volt Golf Cart Battery Charger for Club Car Instruction Manual

Model: LZT800W4815T

1. Introduction

Thank you for choosing the TEMGO 15 AMP 48 Volt Golf Cart Battery Charger. This charger is designed to provide efficient and reliable charging for 48V lead-acid batteries in Club Car golf carts. It features advanced charging technology, robust construction, and multiple safety protections to ensure optimal battery performance and longevity. Please read this manual thoroughly before use to ensure safe and correct operation.

2. Safety Information

- **Battery Type:** This charger is exclusively designed for 48V lead-acid batteries. Do not attempt to charge other battery types, such as lithium-ion, as this may cause damage to the charger, battery, or personal injury.
- **Ventilation:** Ensure adequate ventilation during charging. Batteries can produce explosive gases.
- **Water and Moisture:** Although the charger has an IP67 waterproof rating, avoid submerging it in water. Keep the charger and connections dry during operation.
- **Electrical Connections:** Always connect the charger to the battery first, then plug it into the AC power outlet. Disconnect in reverse order: unplug from AC power, then disconnect from the battery.
- **Damaged Equipment:** Do not operate the charger if the power cord, plug, or charger unit is damaged. Contact customer support for assistance.
- **Children and Pets:** Keep the charger and charging area away from children and pets.
- **Bypass Wiring:** For specific Club Car models (1995-2014 DS / Precedent), an OBC bypass wiring cable may be required. Refer to the 'Setup' section for detailed instructions. Incorrect wiring can cause damage.

3. Product Overview

The TEMGO 48V 15A Golf Cart Charger is a high-performance charging solution featuring an 800W power output for rapid charging. It is equipped with a 3-pin triangular plug for seamless compatibility with Club Car golf carts.



The TEMGO 48V 15A Golf Cart Charger connected to a Club Car golf cart, demonstrating the 3-pin plug compatibility.

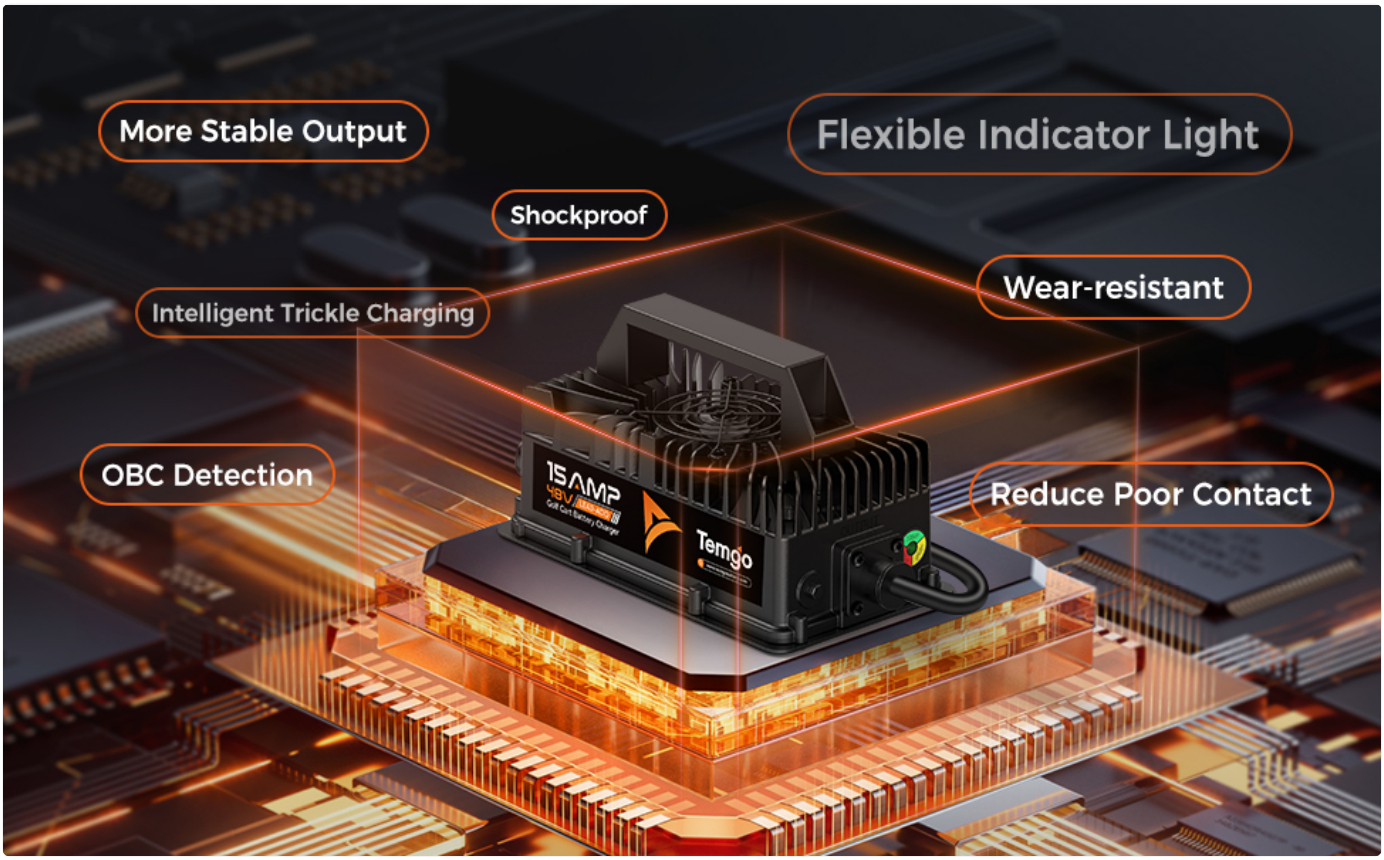


The charger's robust aluminum body, portable handle, and integrated cooling fan. It features a 17.2-foot cable for extended reach.

Key Features:

- **High Power Output:** 800W for rapid charging.
- **Compatibility:** Specifically designed for 48V lead-acid batteries in Club Car golf carts with a 3-pin triangular plug.
- **Advanced Charging:** Intelligent trickle charging with a five-stage charging process.
- **Indicator Light:** Flexible indicator light displays charging status.

- **Durable Construction:** Robust die-cast aluminum alloy shell.
- **Portability:** Lightweight (5.5 lbs) with a sturdy handle and 16.5-foot long wire.
- **Automatic Functions:** Plug-and-play design, automatic shut-off at 100% charge, and maintenance mode.
- **Cooling System:** Built-in cooling fan for stable operation.
- **Waterproof Rating:** IP67 for protection against adverse weather.
- **Multiple Protections:** Over-voltage, software over-voltage, thermal cutback, output current limiting, output short circuit, and lead-acid reverse connection protection.



Internal features and protective technologies of the TEMGO charger, ensuring stable and safe charging.

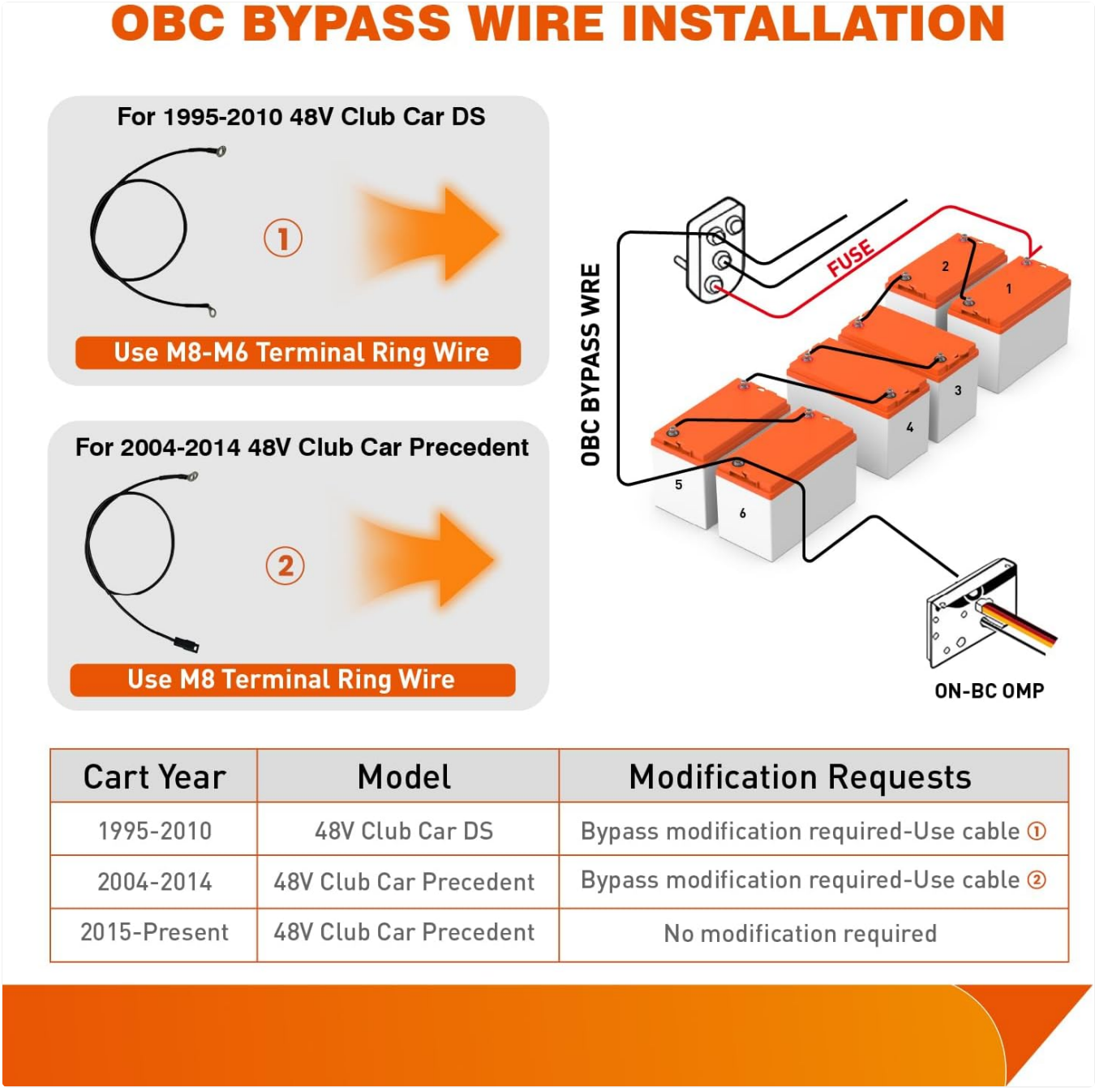
4. Setup

Follow these steps to set up your TEMGO golf cart battery charger:

1. **Inspect Charger:** Before first use, inspect the charger, cables, and plug for any signs of damage. Do not use if damaged.
2. **Placement:** Place the charger on a stable, dry, and well-ventilated surface. Ensure it is not exposed to direct sunlight or excessive heat.
3. **OBC Bypass (if applicable):** For Club Car DS models from 1995-2010 and Club Car Precedent models from 2004-2014, an On-Board Computer (OBC) bypass wiring cable may be required. This ensures proper charging with the TEMGO charger. Refer to the diagrams below for correct installation. For 2015-Present 48V Club Car Precedent models, no modification is required.
4. **Connect to Golf Cart:** Insert the 3-pin round plug of the charger into the charging receptacle of your Club Car golf cart. Ensure a secure connection.
5. **Connect to Power:** Plug the AC power cord into a standard 100-240V AC electrical outlet.

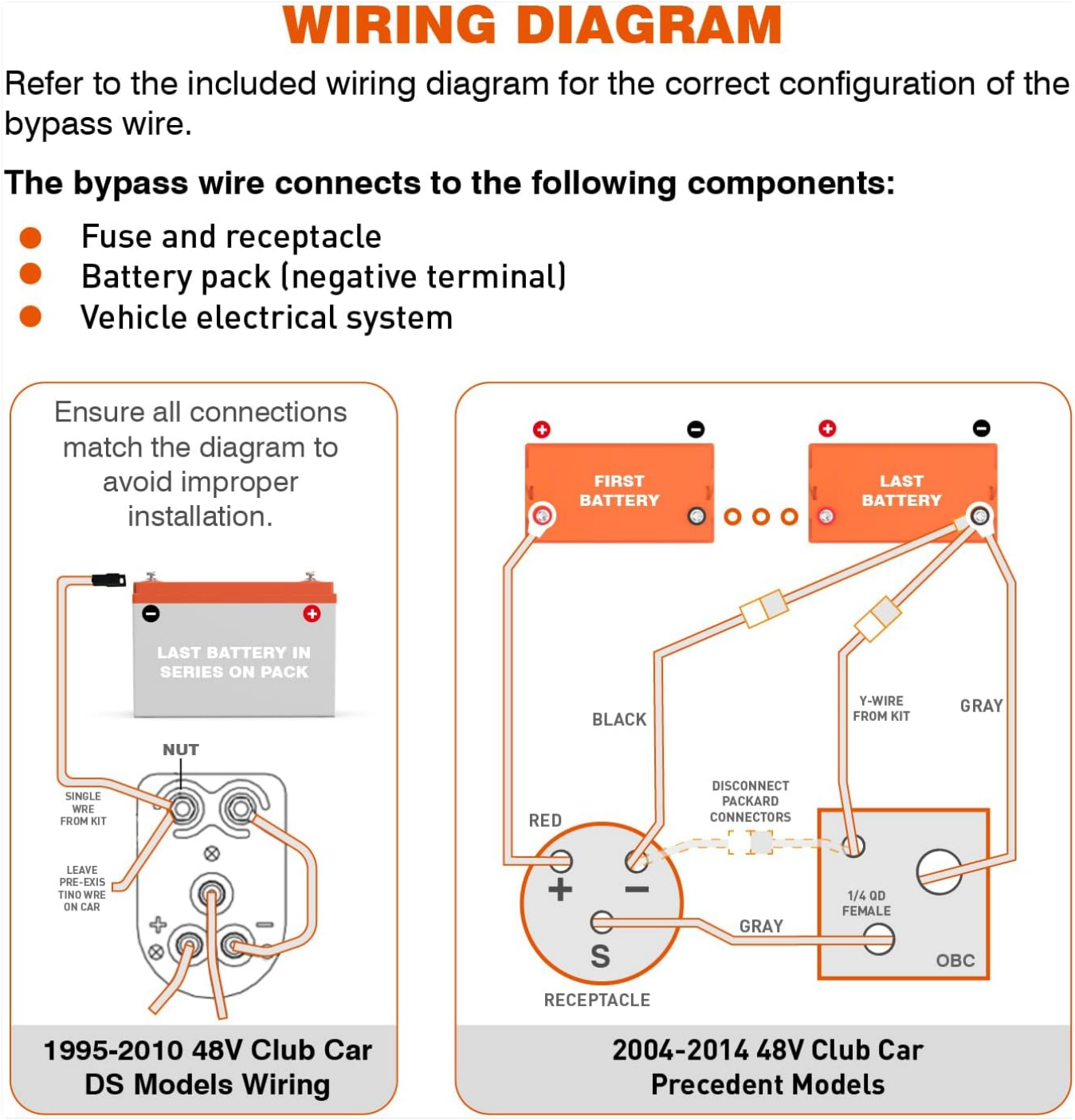
OBC Bypass Wiring Instructions (for 1995-2014 Club Car DS / Precedent)

If your golf cart falls within the 1995-2014 model years for Club Car DS or Precedent, you may need to install an OBC bypass wire. This modification ensures the charger functions correctly by bypassing the golf cart's original On-Board Computer, which might interfere with modern charging systems.



Cart Year	Model	Modification Requests
1995-2010	48V Club Car DS	Bypass modification required-Use cable ①
2004-2014	48V Club Car Precedent	Bypass modification required-Use cable ②
2015-Present	48V Club Car Precedent	No modification required

OBC Bypass Wire Installation Guide for specific Club Car models.



Detailed wiring diagrams for OBC bypass on Club Car DS and Precedent models.

The bypass wire connects to the following components:

- Fuse and receptacle
- Battery pack (negative terminal)
- Vehicle electrical system

Ensure all connections match the diagram to avoid improper installation. If you are unsure about performing this modification, consult a qualified technician.

5. Operating Instructions

The TEMGO charger features a plug-and-play design for ease of use. Once properly connected, the charging process is largely automatic.

1. **Initiate Charging:** After connecting the charger to the golf cart and then to the AC power outlet, the charger will

automatically begin its five-stage charging process.

2. **Monitor Charging Status:** The flexible indicator light on the charger provides real-time status updates:
    - **Red-green Flash:** Standby mode.
    - **Red Flash:** Battery charge is less than 80%.
    - **Yellow Flash:** Battery charge is greater than 80%.
    - **Solid Green:** Battery is 100% charged.

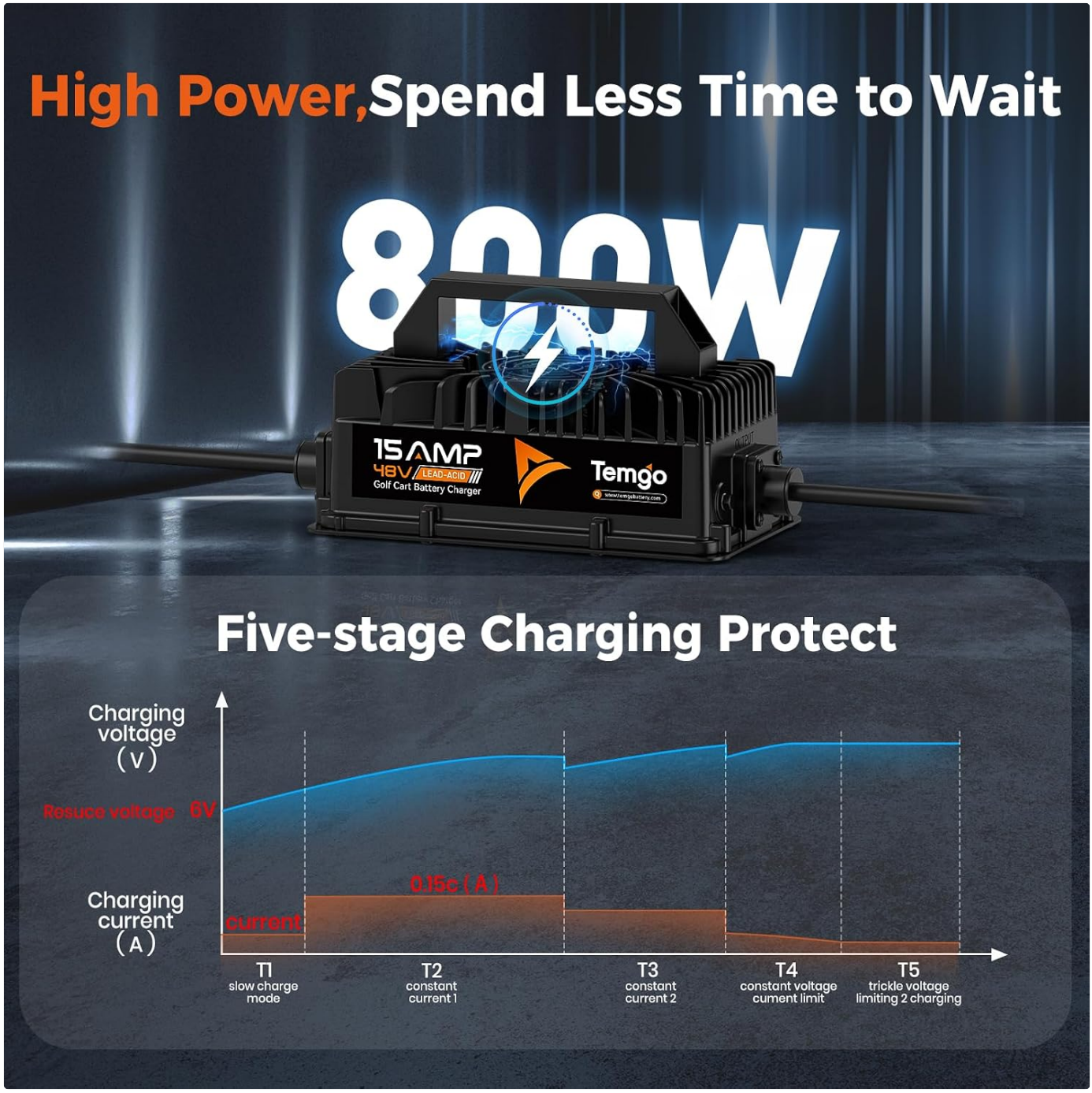


Indicator light meanings for monitoring charging progress.

3. **Automatic Shut-off and Maintenance Mode:** Once the battery reaches 100% charge, the charger will automatically shut off and switch to a maintenance (trickle charging) mode. This prevents overcharging and helps maintain battery health.
4. **Disconnecting:** When charging is complete, first unplug the AC power cord from the wall outlet, then disconnect the 3-pin plug from the golf cart's charging receptacle.

Five-Stage Charging Process:

The charger employs an intelligent five-stage charging process to optimize battery life and performance:



Visual representation of the charger's five-stage charging protection.

1. **T1: Slow Charge Mode** - Initial low current charge.
2. **T2: Constant Current 1** - Higher current charge phase.
3. **T3: Constant Current 2** - Continued high current charge.
4. **T4: Constant Voltage Current Limit** - Voltage is held constant while current decreases.
5. **T5: Trickle Voltage Limiting 2 Charging** - Maintenance charge to keep the battery fully charged without overcharging.

6. Maintenance

- **Cleaning:** Periodically wipe the charger's exterior with a dry, soft cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the cooling fan vents are clear of dust and debris.
- **Cable Inspection:** Regularly check the power cord and charging cable for cuts, fraying, or damage. Replace if necessary.

- **Storage:** Store the charger in a cool, dry place when not in use. Avoid extreme temperatures.
- **Battery Maintenance:** Follow your golf cart battery manufacturer's recommendations for battery maintenance.

7. Troubleshooting

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

Problem	Possible Cause	Solution
Charger not turning on / No indicator light	No AC power; Loose connections; Damaged charger.	Check AC outlet and power cord. Ensure all connections are secure. If still not working, contact support.
Charger connected but not charging (Red-green flash)	Charger not fully plugged into golf cart; Battery voltage too low; OBC interference (for older Club Car models).	Ensure the 3-pin plug is fully inserted. Check battery voltage. If applicable, verify OBC bypass wiring.
Charging is slow	Battery deeply discharged; High ambient temperature.	Allow more time for charging. Ensure adequate ventilation around the charger.
Charger gets hot during operation	Normal operation; Blocked cooling fan.	Some heat is normal. Ensure the cooling fan is not blocked and has clear airflow. If overheating persists, disconnect and contact support.
Indicator light shows 100% charged too quickly	Battery already partially charged; Faulty battery.	This may be normal if the battery was not fully depleted. If the battery capacity seems reduced, have the battery tested.

If the problem persists after attempting these solutions, please contact TEMGO customer support.

8. Specifications

Feature	Specification
Brand	TEMGO
Model Number	LZT800W4815T
Output Voltage	48 Volts
Input Voltage	100-240 Volts (AC)
Current Rating / Amperage	15 Amps
Power Output	800W
Compatible Devices	Club Car golf carts (Lead-acid batteries only)
Connector Type	3-pin round
Product Dimensions (D x W x H)	4.17" x 8.86" x 4.52"

Feature	Specification
Weight	Approximately 5.5 lbs
Cable Length	16.5 feet (approx. 5 meters)
Waterproof Rating	IP67
UPC	785034545788

9. Warranty Information

The TEMGO 15 AMP 48 Volt Golf Cart Battery Charger comes with a**1-Year Manufacturer's Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or improper installation.
Please retain your proof of purchase for warranty claims.

10. Support

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact TEMGO customer support through the retailer where the product was purchased or refer to the official TEMGO website for contact information.
When contacting support, please have your product model number (LZT800W4815T) and proof of purchase readily available.

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