

10L0L ELE-T010-K

10L0L Smart Golf Cart Battery Charger User Manual

Model: ELE-T010-K

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your 10L0L Smart Golf Cart Battery Charger. This 48V, 15 Amp charger is designed for EZGO TXT and RXV golf carts and is compatible with lead-acid, maintenance-free, and lithium iron phosphate batteries. Please read this manual thoroughly before using the charger to ensure proper function and to prevent damage to the unit or your golf cart batteries.

2. IMPORTANT SAFETY INFORMATION

Always observe the following safety precautions to reduce the risk of injury or damage:

- Read all instructions before operating the charger.
- Use this charger only for 48V golf cart batteries as specified. Do not use it for charging dry-cell batteries that are not rechargeable.
- Ensure the charging area is well-ventilated.
- Avoid operating the charger if the power cord or output cable is damaged. Contact customer support for replacement.
- Keep the charger away from flammable materials, liquids, and gases.
- Disconnect the charger from the AC power outlet before making or breaking connections to the battery.
- Do not disassemble the charger. Refer all servicing to qualified personnel. Incorrect reassembly may result in electric shock or fire.
- Keep out of reach of children.

3. PRODUCT OVERVIEW

The 10L0L Smart Golf Cart Battery Charger is designed for efficient and safe battery charging with several advanced features:

- **Smart Charging Technology:** Features Bluetooth connectivity for app control, allowing adjustment of charging curves, reception of fault alerts, and remote start/stop functionality.
- **Versatile Battery Compatibility:** Supports lead-acid, maintenance-free, and lithium iron phosphate battery types.

- **Enhanced Durability:** Constructed with an aluminum casing and equipped with powerful cooling fans for efficient heat dissipation.
- **Weather Resistance:** Boasts an IP67 waterproof rating, providing protection against water immersion for up to 30 minutes and preventing rain damage.
- **Battery Life Extension:** Includes built-in repair modes for low voltage and over-discharge conditions, along with an automatic top-off feature to maintain full charge.
- **Extended Reach:** Comes with a combined 121-inch + 89-inch (approximately 16.5 feet total) power cord for flexible charging options.

Product Features Visuals

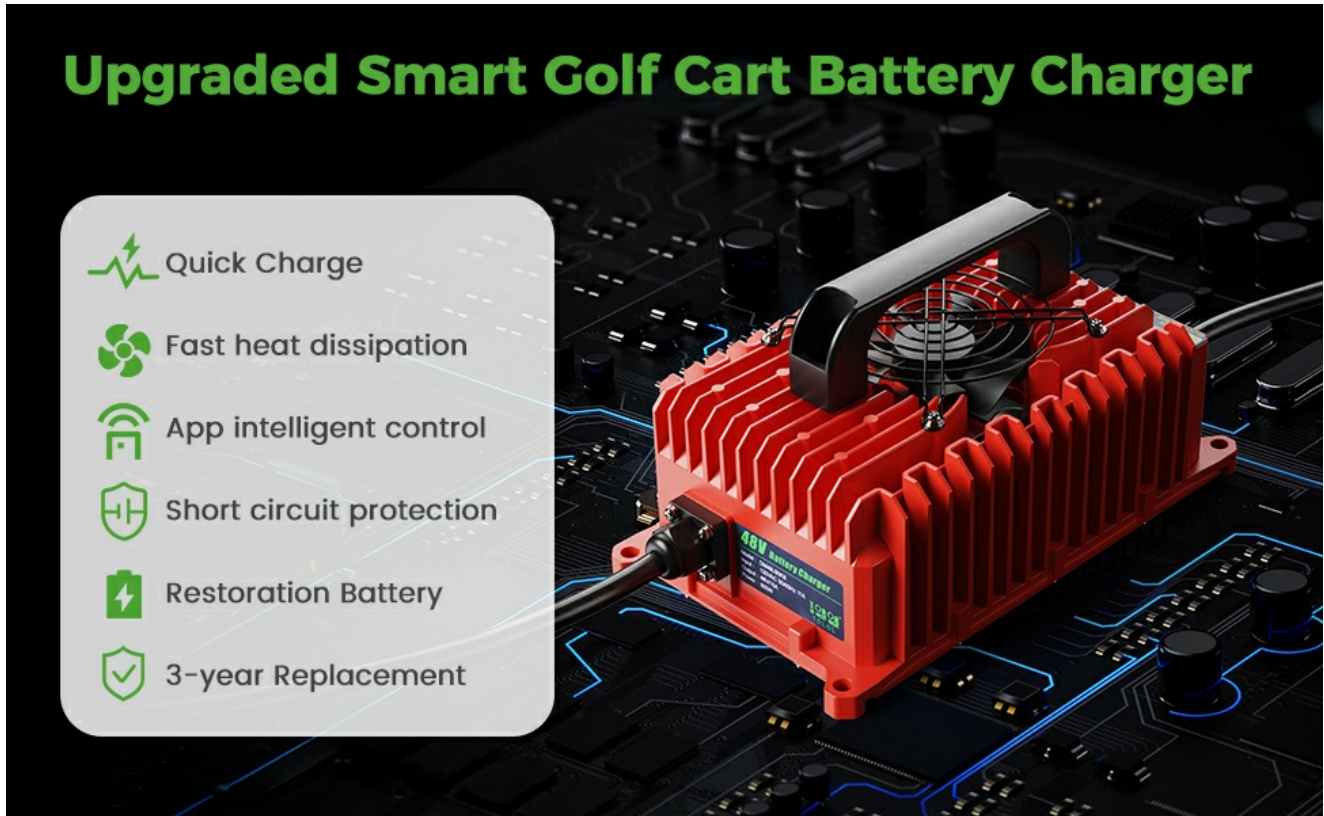


Image: Overview of the 10L0L Smart Golf Cart Battery Charger highlighting quick charge, fast heat dissipation, app intelligent control, short circuit protection, restoration battery, and 3-year replacement.

Saving Money on Your Golf Cart

Supports three types of battery charging



**lithium iron
phosphate battery**



Lead-acid Battery



**Maintenance
Free Battery**



Image: Close-up of the charger's control panel, illustrating the 'MODE SELECT' button and LED indicators for Flooded/Wet, AGM/GEL, and Lithium battery types, along with charging status (<80%, >80%, 100%) and fault alerts.

Safe Charging in the Rain

IP67 rated waterproof, easy to deal with rainy days.



Image: The charger partially submerged in water, demonstrating its IP67 waterproof rating. A golf cart is visible in the background under rainy conditions, indicating suitability for outdoor use.

High-quality Heat Dissipation for Safer Charging

Powerful fan with aluminum cooling chip provides lower charging temperature



Image: The charger positioned in a desert landscape, emphasizing its high-quality heat dissipation system with a powerful fan and aluminum cooling fins for safer charging.

4. SPECIFICATIONS

Brand	10L0L
Model Number	ELE-T010-K
Compatible Golf Carts	EZGO TXT & RXV
Output Voltage	48 Volts
Current Rating	15 Amps
Input Voltage	120 Volts
Battery Charge Time	Approximately 10 Hours (depending on battery state)
Item Weight	3.5 Kilograms (7.7 lbs)

Waterproof Rating	IP67
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5. SETUP

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

1. **Unpack and Inspect:** Carefully remove the charger from its packaging. Inspect the charger, cables, and plugs for any signs of damage. Do not use if any damage is observed.
2. **Position the Charger:** Place the charger on a stable, flat surface in a well-ventilated area. Ensure the cooling fan vents are not obstructed.
3. **Prepare Golf Cart:** Ensure your golf cart is turned off and parked in a safe location.
4. **Connect to Golf Cart:** Insert the charger's 3-pin triangular output plug firmly and completely into the golf cart's charging receptacle. Ensure a secure connection.
5. **Connect to Power:** Plug the AC input cord into a standard, grounded 120V AC electrical outlet.
6. **App Connection (Optional):** For advanced control and monitoring, download the 10L0L app on your smartphone and connect to the charger via Bluetooth.

Setup Visuals

Your browser does not support the video tag.

Video: Demonstrates the installation process of the EZGO RXV Golf Cart Charger, including connecting the charger to the golf cart and power outlet.

121inch + 89inch Extra long charging cable



Image: The charger connected to a golf cart and a wall outlet, illustrating the extended length of the charging cables for convenient placement.

6. OPERATING INSTRUCTIONS

Once the charger is connected to both the golf cart and the AC power source, it will begin operation.

6.1. Battery Type Selection

The charger supports multiple battery types. It is crucial to select the correct battery type for optimal charging and battery longevity.

- Locate the **"MODE SELECT"** button on the charger's control panel.
- Press the button repeatedly to cycle through the available battery types: *Flooded/Wet*, *AGM/GEL*, and *Lithium*.
- The corresponding LED indicator for the selected battery type will illuminate. The charger will remember your last selection even after being unplugged.

6.2. Charging Process and Indicators

The charger provides visual feedback on the charging status:

- **Charging (<80%):** The indicator light for less than 80% charge will be illuminated.
- **Charging (>80%):** The indicator light for greater than 80% charge will be illuminated.
- **Fully Charged (100%):** The 100% indicator light will be illuminated, and the charger will automatically stop charging to prevent overcharging. The automatic top-off feature will maintain the battery's charge.
- **Fault:** If a fault occurs, the "Fault" indicator light will illuminate. Refer to the Troubleshooting section or the mobile app for details.

6.3. App Intelligent Control (Bluetooth)

The dedicated mobile app provides advanced control and monitoring capabilities:

- **Real-time Monitoring:** View current voltage, amperage, and charging status.
- **Remote Control:** Start or stop charging remotely.
- **Charging Curve Adjustment:** Modify charging curves to optimize for specific battery requirements (consult battery manufacturer guidelines if adjusting).
- **Fault Alerts:** Receive immediate notifications and diagnostic information for any detected faults.

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Video: Overview of the EZGO RXV Golf Cart Charger's features, including indicator lights for charging status and fault alerts, and its waterproof design.



Image: A smartphone screen displaying the charger's app interface, showing real-time voltage, current, battery connection status, and options to start/stop charging.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your charger:

- **Cleaning:** Regularly wipe the exterior of the charger with a dry, soft cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the cooling fan and vents are free from dust and debris.
- **Cable Inspection:** Periodically inspect the AC power cord and the output charging cable for any cuts, fraying, or damage to the insulation or plugs. Replace damaged cables immediately.

- **Storage:** When not in use, store the charger in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Connection Points:** Ensure the charging plug and golf cart receptacle are clean and free of corrosion.

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 / No indicator lights	No AC power; Damaged power cord.	Check AC power connection and wall outlet. Ensure the power cord is securely plugged in. Inspect the power cord for damage.
Charger displays "no battery connected" or does not charge	Output plug not fully seated; Damaged output plug or golf cart receptacle; Incorrect battery type selected.	Ensure the 3-pin triangular plug is fully and securely inserted into the golf cart's charging port. Inspect the plug and port for damage. Verify the correct battery type is selected using the "MODE SELECT" button.
Charging is slow or battery not reaching full charge	Incorrect battery type selected; Battery degradation; Obstructed cooling vents.	Confirm the correct battery type is selected. Have the golf cart battery tested by a professional. Ensure cooling fan vents are clear of obstructions.
Fault light illuminated	Internal fault; Battery issue (e.g., over-discharge, short circuit).	Refer to the mobile app for specific fault codes and diagnostic information. Disconnect the charger, wait a few minutes, and reconnect. If the fault persists, contact customer support.
Bluetooth app not connecting	Charger not powered on; Bluetooth disabled on device; Out of range.	Ensure the charger is powered on. Verify Bluetooth is enabled on your smartphone. Move closer to the charger to ensure you are within Bluetooth range.

9. WARRANTY AND SUPPORT

This 10L0L Smart Golf Cart Battery Charger comes with a **3-Year Manufacturer Warranty**.

For technical assistance, warranty claims, or any product-related inquiries, please contact 10L0L customer service through their official website or the retailer from whom you purchased the product. Please have your model number (ELE-T010-K) and purchase information ready when contacting support.