

06928524022107

Generic 12V Battery Charger Maintainer User Manual

Model: 06928524022107

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of your Generic 12V Battery Charger Maintainer. This device is designed for charging and maintaining 6V and 12V lead-acid batteries, including AGM, GEL, VRLA, SLA, and Wet Cell types, commonly found in cars, motorcycles, and ride-on toys. Please read this manual thoroughly before operation and retain it for future reference.

2. IMPORTANT SAFETY INSTRUCTIONS

- Always ensure proper ventilation when charging batteries.
- Avoid open flames or sparks near the battery during charging.
- Wear eye protection and gloves when handling batteries.
- Do not expose the charger to rain or excessive moisture.
- Disconnect the AC power before making or breaking connections to the battery.
- Keep out of reach of children.
- This charger is designed for lead-acid batteries only. Do not use with other battery types.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x Battery Charger Unit
- 1 x DC Output Cable with Clip Connectors (Alligator Clamps)
- 1 x DC Output Cable with Ring Connectors (Eyelet Terminals)
- 1 x User Manual



Car Battery Charger

Eyelet Terminal Connector

Battery Clamp

User Manual

Image: Contents of the product package, showing the main charger unit, the DC output cable with clip connectors, the DC output cable with ring connectors, and the user manual.

4. SETUP AND CONNECTION

Follow these steps to connect the charger to your battery:

1. **Choose the appropriate DC connector:** Select either the battery clamps for temporary connections or the ring connectors for a more secure, semi-permanent attachment to battery terminals.
2. **Select Voltage:** Before connecting to the battery, press the 'MODE' button on the charger to select either 6V or 12V output, matching your battery's voltage. The charger has a memory function and will recall the last voltage setting used.
3. **Connect to Battery:**
 - Connect the **RED (+)** connector to the positive (+) battery terminal.
 - Connect the **BLACK (-)** connector to the negative (-) battery terminal.

4. **Connect to Power:** Plug the charger's AC power cord into a standard 120V AC wall outlet.



Image: Close-up of the charger unit, highlighting the 'MODE' button for 6V or 12V selection and indicating the memory function. A safety fuse is also shown on the cable for enhanced security.

EASY OPERATION

4-stage charging process by microprocessor controlled



Image: The battery charger connected to a car battery using the red and black alligator clamps, demonstrating an easy operation setup.



Image: A person connecting the charger to a motorcycle battery, illustrating the practical application of the device.

5. OPERATING INSTRUCTIONS

The charger features a 4-stage smart charging process controlled by a microprocessor, ensuring optimal charging and maintenance for your battery.

5.1 Charging Process

- Once connected and powered, the charger will automatically detect the battery's charge level.
- It will then proceed through its intelligent charging stages to bring the battery to a full charge.
- After reaching full charge, the device automatically switches to a maintenance (trickle charge) mode to prevent overcharging and keep the battery at an optimal level.

5.2 LED Indicators

The charger features LED indicators to clearly display the charging status:

6V/12V 1.5AMP



LED Lights indicate different charging status clearly



	Lighting	for 6V battery
	Lighting	for 12V battery
	Flashing	below 50%, charging
	Lighting	above 50%, charging
	Flashing	below 100%, charging
	Lighting	100% battery
	Lighting	reverse polarity or short circuit
	Flashing	dead battery

Image: A table illustrating the meaning of the LED indicators for both 6V and 12V batteries, including states for charging, full maintenance, and fault conditions like reverse polarity or dead battery.

5.3 Estimated Charging Times

Charging times vary based on battery capacity (Ah). The following table provides approximate charging durations:

Wide Usage

BATTERY CAPACITY(AH) ↔ CHARGING TIME (HOURS)

2AH	7AH	14AH	17AH	24AH
↕	↕	↕	↕	↕
2h	5h	10h	14h	22h

Perfect for charging all 6V / 12V
SLA VRLA GEL AGM WET Lead Acid battery



Image: A chart titled 'Wide Usage' displaying estimated charging times in hours for different battery capacities (AH), ranging from 2AH to 24AH. It also shows icons for various vehicles like cars, boats, motorcycles, and scooters, indicating broad compatibility.

Note: If using with a larger capacity battery, the charging time will be longer, but it will not damage your battery.

6. MAINTENANCE

The charger is designed for durability with a fully sealed outer case, protecting it from dust, oil, and moisture. To ensure its longevity and optimal performance:

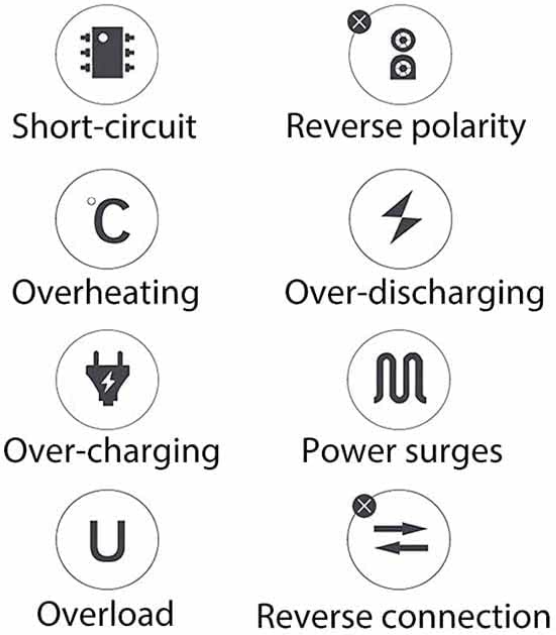
- Keep the charger clean and dry.
- Store in a cool, dry place when not in use.
- Inspect cables and connectors periodically for any damage. Replace if necessary.

7. TROUBLESHOOTING

The charger is equipped with multiple protection features to ensure safe operation. If you encounter issues, refer to the LED indicators and the protection list below.

7.1 Protection Features

MAX PROTECTION



**3A Fuse Connectors
for enhanced safety.**

Image: A diagram detailing the 'MAX PROTECTION' features of the charger, including safeguards against short-circuit, reverse polarity, overheating, over-discharging, over-charging, power surges, overload, and reverse connection. Also shown is a 3A fuse connector for enhanced safety.

If the 'Fault' indicator lights up, check for:

- **Reverse Polarity:** Ensure the red (+) clamp is connected to the positive terminal and the black (-) clamp to the negative terminal.
- **Short Circuit:** Check for any accidental contact between the positive and negative connectors.
- **Dead Battery:** If the battery is severely discharged, the charger may indicate a fault. Refer to the LED indicator table for specific fault codes.

All cables are 100% tested to prevent open circuits, miswiring, and shorts. If problems persist, contact customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	Generic

Feature	Specification
Model Number	06928524022107
Manufacturer	Eztronics Corp
Input Voltage	120 Volts AC
Output Voltage	6V / 12V DC (Selectable)
Current Rating	1.5 Amps
Product Dimensions (D x W x H)	3.36" x 2.1" x 1.57"
Color	Black
Connector Type	Clip (Battery Clamps) and Ring (Eyelet Terminals)
Battery Types Supported	AGM, GEL, VRLA, SLA, Wet Cell, all Lead Acid Batteries

9. WARRANTY & SUPPORT

This product comes with a 1-year limited warranty from the date of purchase. For warranty claims or technical support, please contact your retailer or the manufacturer, Eztronics Corp. Please have your model number (06928524022107) and proof of purchase ready.
