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› T POWER 24V Battery Charger User Manual

T POWER TP- Buzzaround LiteRider GB101 GB104

T POWER 24V Battery Charger User Manual

Model: TP- Buzzaround LiteRider GB101 GB104

INTRODUCTION

This manual provides essential information for the safe and effective use of your T POWER 24V Battery Charger. This charger is specifically designed for 24V sealed lead-acid (SLA) battery systems used in various mobility scooters, including Golden Technologies Buzzaround and LiteRider series, and Merits Mini Coupe models. Please read this manual thoroughly before operation to ensure proper usage and to prevent damage to the charger or your device.



Image: The T POWER 24V Battery Charger, showing its main unit with a green indicator light and the two types of output connectors: a 3-pin XLR connector and a barrel connector.

SAFETY INFORMATION

Adhering to these safety guidelines is crucial for preventing injury and damage.

- **Compatibility:** This charger is intended for **sealed lead-acid (SLA) battery systems only**. It is not compatible with lithium-ion batteries. Confirm your scooter's model and battery type before purchasing and using.
- **Voltage and Plug Type:** Ensure your device requires a 24V 2A (2000mA) charge and uses a 3-pin XLR connector or barrel connector. Incorrect voltage or plug type can cause severe damage.

- **Indoor Use Only:** This charger is designed for indoor use only. Do not expose it to rain, moisture, or extreme temperatures.
- **Risk of Electric Shock:** Do not open the charger casing. Refer all servicing to qualified personnel.
- **Ventilation:** Ensure adequate ventilation around the charger during operation to prevent overheating.
- **Protection Features:** The charger includes built-in protections for over-current, over-voltage, over-temperature, and short-circuit. However, always use the charger as directed.



 Over-Current Protection
 Over-Temp Protection
 Over-Voltage Protection
 Short Circuit Protection

SUPERIOR SAFETY POWER ADAPTER



Warm Tips
Please check our compatible Model List and Notice. Make sure the Model# or Part# match your device.
please feel free to contact us for any inquiries



Professional of Power Adapters
T-Power adapters are tested on the original device to ensure compatibility. Certified by T-power technicians 100% compatible.



Safety Features with Safety certified
Safeguards against incorrect voltage, short circuit, and internal overheating. (CE/FCC/RoHS certified)



Reinforced Power Cord
Long lasting DC cord for your convenience and charge your device.

T-Power is a globally trusted provider of premier power supplies and power supply products.



30-Day Return for Any Reason

You may return your undamaged product and packaging within 30 days of purchase to receive a FULL REFUND for any reason.



1-Year Limited Manufacturer Warranty

We will take care of all quality-related issues , **Easy Exchang** with a REPLACEMENT.*



Technical Support

Received the wrong item?
Looking for Charger for your device?
Adapter tip doesn't fit your device?
We can help, just let us know.

Image: Diagram illustrating the safety features of the T POWER adapter, including over-current, over-temp, over-voltage, and short-circuit protection, along with quality certification and reinforced power cord design.

SETUP

Follow these steps to set up your T POWER battery charger:

1. **Inspect the Charger:** Before each use, visually inspect the charger, its cables, and connectors for any signs of damage, fraying, or corrosion. Do not use if damaged.
2. **Connect to Battery:** Locate the charging port on your mobility scooter. This charger is equipped with a standard 3-pin XLR male plug. Carefully insert the charger's XLR plug into the scooter's charging port. Ensure a secure connection.
3. **Connect to Power Outlet:** Plug the AC power cord of the charger into a standard AC 100V-240V wall outlet.

4. **Verify Connection:** Once connected, the charger's indicator light should illuminate, indicating the charging status.

OPERATING INSTRUCTIONS

The T POWER charger features a simple LED indicator system to show the charging status:

- **Red Light:** A red indicator light signifies that the battery is currently charging.
- **Green Light:** A green indicator light signifies that the battery is fully charged. At this point, you should disconnect the charger from the battery and the power outlet.

Charging times may vary depending on the battery's capacity and discharge level. It is recommended to charge your scooter's battery overnight for a full charge.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your charger:

- **Cleaning:** Disconnect the charger from all power sources before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight, moisture, and extreme temperatures. Keep it away from children and pets.
- **Cable Care:** Avoid bending or crimping the power cord excessively. Do not place heavy objects on the cord.
- **Regular Inspection:** Periodically check the charger and its cables for any signs of wear or damage.

Longer Lifespan

Tested to withstand
10,000 bends

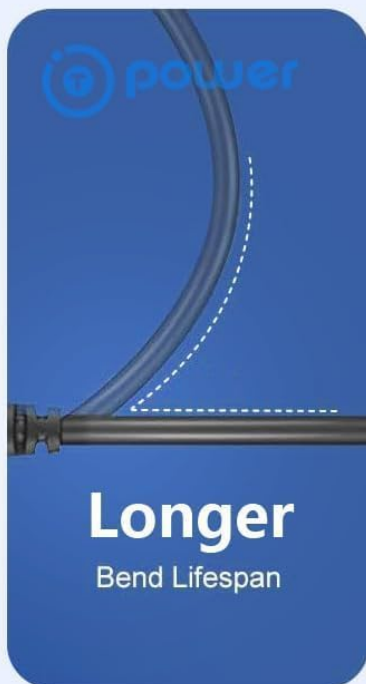


Image: Visual representation of the charger's durable design, highlighting a longer bend lifespan, excellent material quality, and a durable premium power plug, tested to withstand 10,000 bends.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Charger light not on.	No power from outlet; loose connection; damaged charger.	Check wall outlet with another device. Ensure all connections are secure. If still no light, the charger may be faulty.
Charger light stays red (not turning green).	Battery not fully charged; battery issue; charger issue.	Allow more time for charging. Test the battery's health. If the issue persists, contact support.
Charger gets excessively hot.	Poor ventilation; faulty charger or battery.	Ensure charger is in a well-ventilated area. Discontinue use if overheating is severe and contact support.

Problem	Possible Cause	Solution
Charger does not fit the scooter port.	Incorrect connector type.	Verify your scooter's charging port type. This charger uses a 3-pin XLR connector.

If these solutions do not resolve the issue, please contact T POWER customer support for further assistance.

SPECIFICATIONS

Detailed technical specifications for the T POWER 24V Battery Charger:

Feature	Detail
Input Voltage Range	AC 100V–240V
Output Voltage	DC 24V
Output Current	2 Amps (2000mA)
Wattage	50 Watts
Connector Type	3-pin XLR male plug, Barrel Connector
Compatible Battery Type	Sealed Lead-Acid (SLA) batteries 24V 7Ah or larger
Product Dimensions	4.5 x 2 x 1.25 inches
Item Weight	8 ounces
Certifications	UL Certified, CE/RoHS certified
Special Feature	Fast Charging



Image: The T POWER charger unit, displaying its model number (FY-4201900), input/output specifications, and safety warnings on its label, along with its power cord and barrel connector.

COMPATIBLE MODELS

This T POWER 24V Battery Charger is compatible with the following mobility scooter models:

- **Golden Buzzaround Series:** GB101, GB104, GB105, XP3, GB106, GB106XR, GB107, Buzzaround XL GB116, GB146, Buzzaround XL HD GB117H, GB147H, Buzzaround XLS GB117S, GB147S, Buzzaround XLS HD GB117Z, GB147Z.
- **Golden LiteRider Series:** GL110, GL140, LiteRider PTC.
- **Merits Mini Coupe:** S539, S549.



Image: A Golden Buzzaround Lite XLS HD mobility scooter, a compatible model for this charger.



Image: Another view of a Golden Buzzaround mobility scooter, demonstrating the type of device this charger supports.



Image: A Golden LiteRider mobility scooter, one of the compatible models for the T POWER charger.



Image: A Golden Buzzaround XL HD mobility scooter, another compatible model that can be charged with this device.

WARRANTY AND SUPPORT

T POWER is committed to providing quality products and customer satisfaction.

- **1-Year Limited Manufacturer Warranty:** This product comes with a 1-year limited manufacturer warranty covering quality-related issues. For warranty claims, please contact T POWER customer service.
- **30-Day Return Policy:** You may return your undamaged product within 30 days of purchase to receive a full refund.
- **Technical Support:** If you have questions about compatibility, usage, or encounter any issues, please reach out to T POWER technical support. They can assist with troubleshooting and product inquiries.

For support, please refer to the contact information provided with your product packaging or visit the official T POWER website.

