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T POWER FY06322402000

T POWER 24V 2A Mobility Scooter Battery Charger

MODEL: FY06322402000

Introduction

This instruction manual provides essential information for the safe and efficient use of your T POWER 24V 2A Smart Battery Charger. This charger is designed with a 3-pin XLR connector and is compatible with various mobility scooters and power chairs that utilize 24V Sealed Lead Acid (SLA) batteries. Please read this manual thoroughly before initial use and retain it for future reference.



Image: T POWER 24V 2A Mobility Scooter Battery Charger with 3-pin XLR connector.

Safety Information

Your safety is paramount. This T POWER charger is UL Listed and CE/RoHS certified, ensuring compliance with safety standards. It incorporates multiple protection features:

- **Over-Voltage Protection:** Prevents damage from excessive voltage.
- **Over-Current Protection:** Safeguards against current surges.
- **Reverse Polarity Protection:** Protects against incorrect connection.
- **Short-Circuit Protection:** Prevents damage from short circuits.
- **Over-Temp Protection:** Manages internal temperature to prevent overheating.

IMPORTANT: This charger is designed exclusively for 24V Sealed Lead Acid (SLA) batteries. DO NOT use this charger with Lithium batteries or any other battery types, as this can cause severe damage to the battery and charger, and poses a significant safety risk.



Image: Visual guide indicating compatibility only with Sealed Lead Acid (SLA) batteries, not Lithium batteries.



Image: Icons illustrating the charger's superior safety protection features.

Package Contents

- 1 x T POWER 24V 2A Battery Charger with 3-pin XLR connector

Setup and Initial Charging

Before using your mobility scooter for the first time, ensure the battery is fully charged. The initial charge from a completely flat battery typically takes about 10 to 12 hours.

1. **Locate the Charging Port:** On your mobility scooter, pull aside the port cover to expose the overload protector button and the 3-pin XLR power port.
2. **Connect the Charger:** Plug the 3-pin XLR connector of the T POWER charger firmly into the scooter's power port. Ensure a secure connection.
3. **Connect to Power Outlet:** Plug the charger's power cord into any standard 110-120V wall outlet.
4. **Monitor Charging Indicator:** The charger features an LED indicator. A **solid red light** indicates that the battery is currently charging. A **solid green light** indicates that the battery is fully charged or disconnected.
5. **Complete Initial Charge:** Once the LED indicator turns green, leave the charger plugged in for an additional 1 to 2 hours to ensure the battery is fully topped off.
6. **Disconnect:** After the battery is fully charged, disconnect the charger from the scooter's power port and then unplug it from the wall outlet.



Image: The T POWER charger connected to a mobility scooter's charging port.

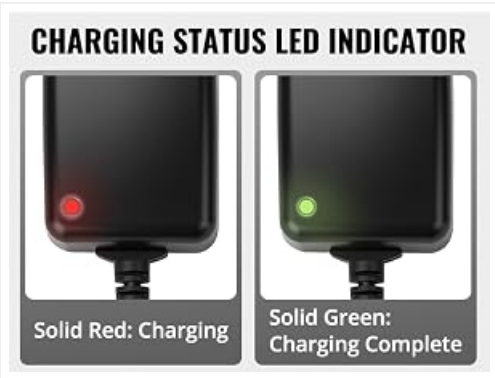

Image: Charging status LED indicator showing red for charging and green for charging complete.

Watch this video for a visual guide on charging your mobility scooter:

▶ **Watch video online**

[T-Power] How to Charge Pride Go Go Series Mobility Scooters Elite Traveller, Jazzy..

Video: Instructions on how to charge Pride Go Go Series Mobility Scooters.

Maintenance

Proper battery maintenance ensures optimal performance and extends battery life.

- **Regular Recharging:** If you are not using your scooter regularly, recharge the battery fully every 1 to 2 weeks to maintain its condition.
- **Disconnect When Not in Use:** Always disconnect the charger from both the scooter and the wall outlet when charging is complete or when the charger is not in use.
- **Battery Lifespan:** 24V Sealed Lead Acid (SLA) batteries typically have a lifespan of 1-2 years. Battery life can vary with usage patterns.

Compatibility

This T POWER charger is compatible with a wide range of 24V SLA-powered mobility scooters and wheelchairs that use a 3-pin XLR connector. Please verify your device's connector type before purchase.
Compatible Models Include:

- **Pride Go-Go Scooters:** ES2, ES, Elite Traveller, Ultra, Travel Pro, Elite Traveller Plus, Go-Chair Sport, Go Go ES8, Go Go Ultra X, Go Go LX.
- **Jazzy Power Chairs**
- **ShopRider:** Cooper, Cutie L TE-787LT, Dasher 3 GK83, Dasher 4 GK8, Echo Folding Scooter, Echo SL73, Escape, EZ Chopper S8M.
- **Drive Medical Mobility Scooters**
- **Electric Bicycles (24V SLA models):** Currie, Schwinn, iZip, eZip, Mongoose.
- **Other models:** 24BC2000T-1, 24BC2000T-2, 24BC2000T-3, 24BC2000T-4.

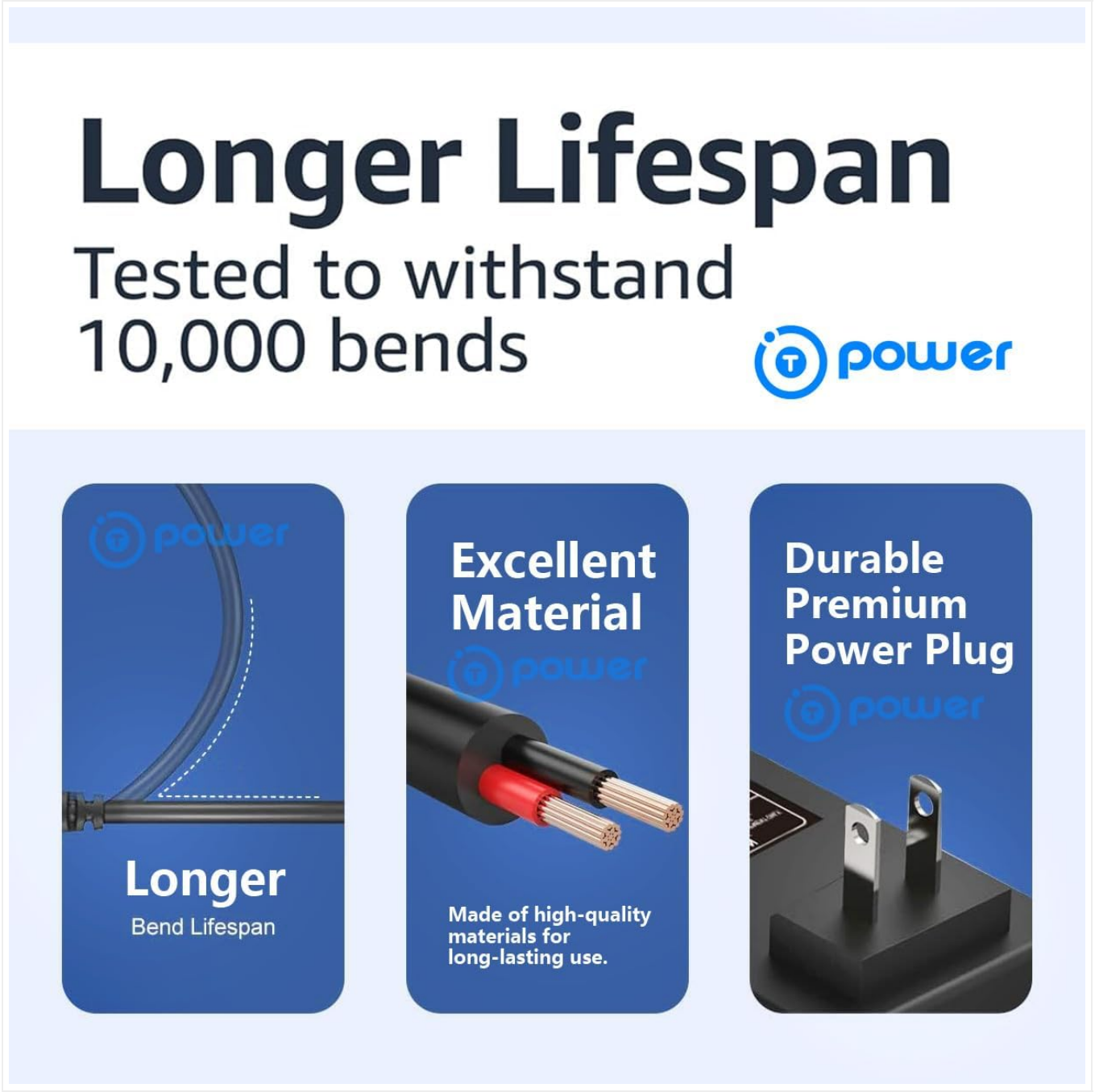

Image: Guide to 3-pin XLR connector types, highlighting the compatible male connector.



Image: Comprehensive list of compatible mobility scooter and electric bicycle models.

Troubleshooting

If you encounter issues with charging, consider the following:

- **Charger Not Charging / Battery Not Holding Charge:**If the charger does not initiate charging (LED remains off or does not turn red) or if your battery does not hold a charge after a full charging cycle, the battery itself may need replacement. 24V SLA batteries have a limited lifespan, typically 1-2 years.
- **Check Connections:** Ensure all connections are secure between the charger, the scooter's power port, and the wall outlet.
- **Wall Outlet Functionality:** Test the wall outlet with another device to confirm it is supplying power.
- **Overload Protector:** Check if the overload protector button on the scooter's battery pack has tripped. Press it to reset if necessary.

Specifications

Feature	Specification
Model Number	FY06322402000
Input Voltage	AC 100 - 120V 50/60Hz
Output Voltage	24V
Output Current	2 Amps (2000mA)
Connector Type	3-pin XLR (Male)

Feature	Specification
Product Dimensions	4 x 4 x 2 inches
Item Weight	5 ounces
Material	Plastic
Certifications	UL Listed, CE/RoHS



Image: UL Listed power adapter for safety assurance.

Image: Internal view highlighting pure copper wire for durability and efficient power transfer.

Warranty and Support

T POWER is committed to providing reliable products and excellent customer service.

- **1-Year Limited Manufacturer Warranty:** This product is covered by a 1-year limited manufacturer warranty, ensuring quality and addressing any related issues with easy exchange for a replacement.
- **30-Day Return Policy:** You may return your undamaged product and packaging within 30 days of purchase for a full refund.
- **Technical Support:** For any inquiries, compatibility questions, or if you received the wrong item, please contact T POWER customer support.



Image: Icons detailing 30-day return, 1-year limited manufacturer warranty, and technical support availability.

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.

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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

Answered questions about this manual

The specifications for the T POWER FY06322402000 battery charger state the dimensions are 4x4x2 inches, but the picture shows a rectangular shape. What are the true dimensions?

The official specifications for the T POWER 24V 2A Mobility Scooter Battery Charger (Model: FY06322402000) list the product dimensions as 4 x 4 x 2 inches. However, it is common for manufacturer specifications to...

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