

Telwin 807591

Telwin 807591 Touring 11 Battery Charger 6/12V User Manual

Model: 807591

1. INTRODUCTION

The Telwin Touring 11 is an advanced battery charger designed for various types of accumulators, including WET, GEL, Pb-Ca, AGM, MF, and EFB, operating at both 6V and 12V. It features electronic control of charging phases, automatic interruption, and resumption (TRONIC system) to ensure optimal and safe charging. The unit provides clear LED indicators for battery charge status and incorporates multiple safety protections.

2. SAFETY INFORMATION

Please read and understand all safety instructions before operating the battery charger. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always operate the charger in a well-ventilated area.
- Do not expose the charger to rain or excessive moisture.
- Ensure the charger is disconnected from the mains power before making or breaking connections to the battery.
- Avoid charging frozen batteries.
- Wear appropriate eye protection and clothing when working with batteries.
- Keep out of reach of children.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Telwin Touring 11 Battery Charger unit

- Power cable
- Battery connection clamps (red and black)
- User Manual (this document)

4. PRODUCT FEATURES

The Telwin Touring 11 Battery Charger offers the following key features:

- **TRONIC System:** Electronic control of charging phases with automatic interruption and resumption.
- **Versatile Charging:** Suitable for WET, GEL, Pb-Ca, AGM, MF, EFB battery types.
- **Dual Voltage:** Charges 6V and 12V batteries.
- **LED Indicators:** Clear display of battery charge status (MIN, 25%, 50%, 75%, MAX).
- **Safety Protections:** Built-in protection against overloads, polarity inversions, and automatic battery voltage recognition.
- **Compact Design:** Lightweight and compact for easy handling and storage.
- **Integrated Storage:** Practical rear compartment for cables and clamps.



Figure 4.1: Telwin Touring 11 Battery Charger with its included red and black battery clamps.

5. SETUP

1. **Unpack the Charger:** Carefully remove the battery charger and all accessories from the packaging.
2. **Inspect for Damage:** Check the charger and cables for any signs of damage. Do not use if damaged.
3. **Ventilation:** Place the charger in a well-ventilated area, away from direct sunlight, heat sources, and flammable materials.
4. **Battery Preparation:** Ensure the battery to be charged is clean and free of corrosion on its terminals. If it's a WET battery, check the electrolyte levels and top up with distilled water if necessary, ensuring proper ventilation during charging.



Figure 5.1: Top view of the Telwin Touring 11 Battery Charger, highlighting the control panel and fuse location.

6. OPERATING INSTRUCTIONS

1. Connect to Battery:

- Connect the **red (+)** clamp to the positive terminal of the battery.
- Connect the **black (-)** clamp to the negative terminal of the battery.
- Ensure connections are secure and free from corrosion.

2. **Select Voltage:** Use the voltage selection switch on the charger's front panel to choose between **6V** or **12V**, matching the voltage of the battery you are charging.

3. **Connect to Mains Power:** Plug the charger's power cable into a 230V AC mains outlet.

4. Charging Process:

- The charger will automatically detect the battery and begin the charging process (TRONIC system).
- The LED indicators (MIN, 25%, 50%, 75%, MAX) will illuminate sequentially to show the current charge status of the battery.

- Once the battery is fully charged, the "MAX" LED will remain steadily lit, and the charger will automatically switch to maintenance mode or stop charging to prevent overcharging.

5. Disconnecting:

- First, disconnect the charger from the mains power outlet.
- Then, disconnect the **black (-)** clamp from the battery's negative terminal.
- Finally, disconnect the **red (+)** clamp from the battery's positive terminal.



Figure 6.1: Close-up of the 6V/12V voltage selector switch on the Telwin Touring 11 charger.

7. MAINTENANCE

- **Cleaning:** Disconnect the charger from power before cleaning. Use a dry, soft cloth to wipe the exterior. Do not use solvents or abrasive cleaners.
- **Cable and Clamp Inspection:** Regularly inspect the power cable and battery clamps for any signs of damage, fraying, or corrosion. Replace damaged components immediately.
- **Storage:** Store the charger in a cool, dry place, away from direct sunlight and extreme temperatures. Utilize

the rear compartment for cable and clamp storage.

- **Fuse Replacement:** The charger is equipped with a 5A mains fuse. If the charger fails to power on, check and replace the fuse if necessary. Ensure to use a fuse of the correct rating (5A).

8. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|-------------------------------------|--|---|
| Charger does not power on. | No mains power; Blown fuse; Faulty power cable. | Check mains outlet; Replace 5A fuse; Inspect power cable for damage. |
| Charging LEDs do not illuminate. | Incorrect battery connection; Battery voltage not recognized; Severely discharged battery. | Ensure correct polarity and secure connections; Verify battery voltage matches charger setting; Allow time for charger to recognize very low voltage batteries. |
| Charger stops charging prematurely. | Battery fully charged; Overload protection activated; Polarity inversion. | Check "MAX" LED; Disconnect and re-connect after cooling; Verify correct polarity. |
| Charger gets excessively hot. | Poor ventilation; Overload. | Ensure adequate airflow around the charger; Reduce load if possible or allow to cool. |

9. SPECIFICATIONS

| | |
|---------------------------------------|-------------------------------|
| Model Number | 807591 |
| Brand | Telwin |
| Input Voltage | 230V AC |
| Output Voltage | 6V / 12V DC |
| Current Rating | 3 A (Effective 6A) |
| Power Consumption | 60 W |
| Compatible Battery Types | WET, GEL, Pb-Ca, AGM, MF, EFB |
| Fuse | 5A |
| Product Dimensions (D x W x H) | 10 x 19 x 19 cm |
| Item Weight | 1.757 kg |
| Color | White |
| Country of Origin | China |

10. WARRANTY INFORMATION

Specific warranty details for the Telwin Touring 11 Battery Charger may vary by region and retailer. Please refer to the warranty card included with your purchase or contact your point of sale for detailed information regarding warranty coverage, terms, and conditions. Keep your proof of purchase for warranty claims.

11. SUPPORT

For technical assistance, spare parts, or further inquiries, please contact Telwin customer support or visit the official Telwin website. Contact information can typically be found on the product packaging or on the manufacturer's website.

Telwin Official Website: www.telwin.com