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## Telwin 807026

# Telwin 807026 Battery Charger User Manual

Model: 807026 (Nevada 15)

## INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Telwin 807026 Battery Charger. This device is designed for charging free electrolyte (WET) batteries with 12V or 24V voltage, featuring protection against overcharging and polarity inversion. Please read this manual thoroughly before use.

## SAFETY INSTRUCTIONS

**WARNING:** Read all safety warnings and instructions before using this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Use the charger only in well-ventilated areas.
- Do not expose the charger to rain or wet conditions.
- Disconnect the charger from the mains supply before making or breaking the connections to the battery.
- Ensure correct polarity before connecting to the battery (red clamp to positive, black clamp to negative).
- Keep out of reach of children.
- Do not charge non-rechargeable batteries.
- Wear eye protection and protective clothing when working with batteries.
- Avoid short-circuiting the charging clamps.

## PRODUCT OVERVIEW

The Telwin 807026 Battery Charger features a robust design with clear indicators for safe and effective battery charging.



Figure 1: Front view of the Telwin Nevada 15 Battery Charger. The front panel displays the 10A fuse, an ammeter indicating charging current, a voltage selector switch (12V/24V), and printed specifications including input voltage (230V~ 50/60Hz), absorbed power (110W), and charging parameters for 12V and 24V batteries. The charging clamps are visible at the bottom.

Key components include:

- **Ammeter:** Displays the charging current.
- **Voltage Selector Switch:** Allows selection between 12V and 24V charging.
- **Fuse (10A):** Provides overcurrent protection.
- **Charging Cables with Clamps:** For connecting to the battery terminals.

## SETUP

1. Place the charger on a stable, flat surface in a well-ventilated area.
2. Ensure the charger is disconnected from the mains power supply.
3. Identify the battery voltage (12V or 24V) and set the voltage selector switch on the charger accordingly.
4. Connect the red (+) charging clamp to the positive (+) terminal of the battery.

5. Connect the black (-) charging clamp to the negative (-) terminal of the battery.
6. Ensure all connections are secure before proceeding.

## OPERATING INSTRUCTIONS

Follow these steps to charge your battery:

1. After connecting the clamps to the battery (as per Setup), plug the charger's power cord into a suitable 230V AC power outlet.
2. The ammeter will indicate the charging current. The needle will gradually decrease as the battery charges.
3. Monitor the ammeter. When the needle approaches zero, the battery is nearing full charge.
4. Once charging is complete, first disconnect the charger from the mains power supply.
5. Then, disconnect the black (-) clamp from the battery, followed by the red (+) clamp.
6. Store the charger in a dry, safe place.

### Charging 12V Batteries

For 12V batteries, ensure the voltage selector is set to 12V. The charger provides 6A arithmetic charging current, suitable for batteries with a minimum capacity of 60Ah.

### Charging 24V Batteries

For 24V batteries, ensure the voltage selector is set to 24V. The charger provides 3A arithmetic charging current, suitable for batteries with a minimum capacity of 30Ah.

## MAINTENANCE

- Keep the charger clean and free from dust and debris.
- Regularly check the charging cables and clamps for any signs of damage. Replace if necessary.
- Store the charger in a cool, dry place when not in use.
- Do not attempt to open or repair the charger yourself. Refer to qualified service personnel.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger not turning on	No power from outlet; Blown fuse; Loose connection.	Check power outlet; Replace 10A fuse; Ensure secure connections.
Ammeter not showing current	Incorrect polarity; Battery fully charged; Battery severely discharged/faulty.	Check clamp connections (+ to +, - to -); Battery may be full; Test battery condition.
Overheating	Poor ventilation; Overloaded.	Ensure adequate airflow around charger; Check battery capacity matches charger's capabilities.

If the problem persists, contact customer support.

## SPECIFICATIONS

**Model:** Telwin 807026 (Nevada 15)

**Input Voltage:** 230V ~ 50/60Hz (220V-240V)

**Absorbed Power:** 110W

**Charging Voltage:** 12V / 24V

**Charging Current (Arithmetic):** 12V - 6A, 24V - 3A

**Minimum Battery Capacity:** 12V - 60Ah, 24V - 30Ah

**Maximum Battery Capacity:** 115Ah

**Fuse:** 10A

**Protection:** Overload and polarity inversion protection, Semi-automatic thermal protection

**Weight:** 2600 Grams

**Color:** Red

**Power Source Type:** AC

## **WARRANTY AND SUPPORT**

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For warranty information or technical support, please contact your retailer or visit the official Telwin website. Keep your purchase receipt as proof of purchase.

**Manufacturer:** Telwin S.p.A.

**Model Number:** 807026