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- > VHBW 42V 2A Charger Instruction Manual for Swagtron EB5, EB7, EB7 Plus, EB5 Pro, EB8 Ebike, EB-12, EB-11, EB-10, EB-9, Swagcycle SC-1, SC1, Swagger 2, 3 Pro V1, SG-3, SG-6 Electric Bikes and Scooters

# vhbw CT-1250

# **VHBW 42V 2A Charger Instruction Manual**

Model: CT-1250

# INTRODUCTION

This manual provides essential information for the safe and efficient use of your VHBW 42V 2A charger, model CT-1250. It is designed for charging various Swagtron electric bikes and scooters. Please read these instructions carefully before use and retain them for future reference.



Image: The VHBW 42V 2A charger, showing the main unit, power cord, and barrel connector.

# IMPORTANT SAFETY INFORMATION

To ensure safe operation and prevent damage, observe the following safety guidelines:

- Use the charger only with compatible devices as specified in this manual.
- Do not expose the charger to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the charger to strong impacts.
- Do not attempt to disassemble or modify the charger.
- Ensure proper ventilation during charging to prevent overheating.
- Unplug the charger from the power outlet and the device when not in use or during electrical storms.
- Keep out of reach of children.



Image: This charger is ETL Listed, featuring protections against short-circuiting, overcurrent, overvoltage, and overheating.

#### **C**OMPATIBILITY

The VHBW 42V 2A charger is compatible with the following Swagtron electric bikes and scooters:

- SwagTron SwagCycle E-Bike EB-5
- EB-5 Pro
- EB7 Elite Plus
- EB-7 Plus
- Ebike EB-8
- EB9
- EB10
- EB11
- EB12
- SwagCycle EB1
- Swagger 3 SG-3 SG3 Pro Foldable Electric Scooter

#### **Important Note:**

- This charger features a Barrel Round Plug Tip. It is **NOT** a 3-Prong connector.
- This charger is **NOT** compatible with 16.8V, 29.4V, 29.7V, or 30.2V versions of Swagtron devices.
- Always verify the compatibility with your specific unit's model number and connector type before use.



Image: Visual guide illustrating various Swagtron models compatible with this charger.



Image: A close-up view of the barrel connector, highlighting its specific design for compatibility verification.

# SETUP

- 1. **Unpack the Charger:** Carefully remove the charger and its components from the packaging. Inspect for any visible damage.
- 2. **Connect to Power Outlet:** Plug the AC power cord into a standard wall outlet (AC 100-240V, 50/60Hz). The charger's LED indicator may light up green, indicating it is ready.
- 3. **Connect to Device:** Locate the charging port on your Swagtron electric bike or scooter. Insert the barrel round plug tip of the charger firmly into the device's charging port. Ensure a secure connection.

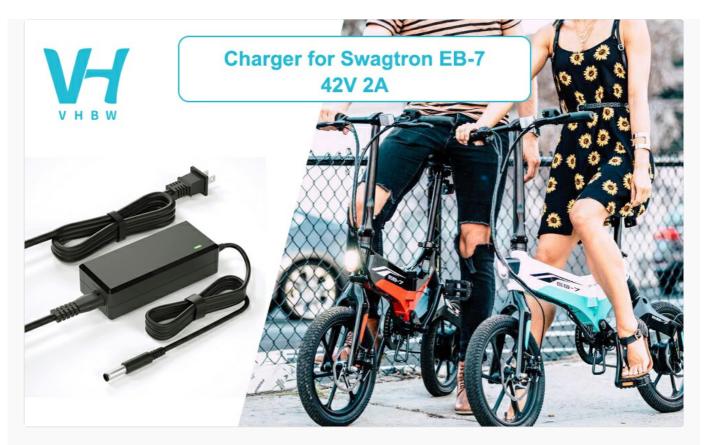


Image: The VHBW charger connected to a Swagtron scooter, demonstrating how to plug it into a power source.

#### **OPERATING INSTRUCTIONS**

- 1. **Initiating Charge:** Once the charger is connected to both the power outlet and your device, the LED indicator on the charger will turn **RED**, signifying that charging is in progress.
- 2. **Monitoring Charge:** The charging time will vary depending on your device's battery capacity and current charge level.
- 3. **Charge Completion:** When the device's battery is fully charged, the LED indicator on the charger will change from **RED** to **GREEN**. This indicates that the charging cycle is complete or the charger is disconnected.
- 4. **Disconnection:** After charging is complete, first disconnect the barrel plug from your device, then unplug the charger from the wall outlet.



Image: Diagram illustrating the charger's LED indicator: RED light signifies charging, GREEN light signifies a full charge or disconnection.

#### MAINTENANCE

- Cleaning: Use a dry, soft cloth to clean the charger. Do not use liquid cleaners or solvents.
- Storage: Store the charger in a cool, dry place away from direct sunlight and moisture when not in use.
- Cable Care: Avoid sharp bends or kinks in the power cord. The cable is designed for durability and resistance to bending, but proper handling extends its lifespan.
- **Inspection:** Periodically inspect the charger and cables for any signs of wear, damage, or exposed wires. Discontinue use if damage is found.

#### **T**ROUBLESHOOTING

If you encounter issues with your charger, refer to the following common solutions:

Problem	Possible Cause	Solution
Charger LED not lighting up.	No power from outlet, loose connection, or charger malfunction.	Check if the wall outlet is functional. Ensure all connections are secure. Try a different outlet. If the issue persists, the charger may be faulty.
LED is green but device is not charging.	Device already fully charged, incorrect charger, or device charging port issue.	Verify the device's battery status. Confirm the charger is compatible with your device's voltage and connector type. Inspect the device's charging port for damage.

Problem	Possible Cause	Solution
Charger feels excessively hot during use.	Poor ventilation, prolonged charging, or internal issue.	Ensure the charger is in a well-ventilated area. Avoid covering it. If it consistently becomes excessively hot, discontinue use and contact customer support.
Charger plug does not fit securely into the device.	Incompatible connector type or damaged port.	Confirm your device requires a barrel round plug tip. This charger is NOT a 3-Prong type. Check the device's charging port for obstructions or damage.

# **S**PECIFICATIONS

Feature	Detail
Model Number	CT-1250
Input Voltage	AC 100–240V, 50/60Hz
Output Voltage	42V
Output Current	2A (compatible with 1.5A, 1A, 0.5A devices)
Wattage	84 watts
Connector Type	Barrel Connector
Cable Length	9FT / 2.7M
Item Weight	2 ounces
Package Dimensions	7.05 x 4.09 x 1.5 inches
Certifications	ETL, CE, FCC, RoHS



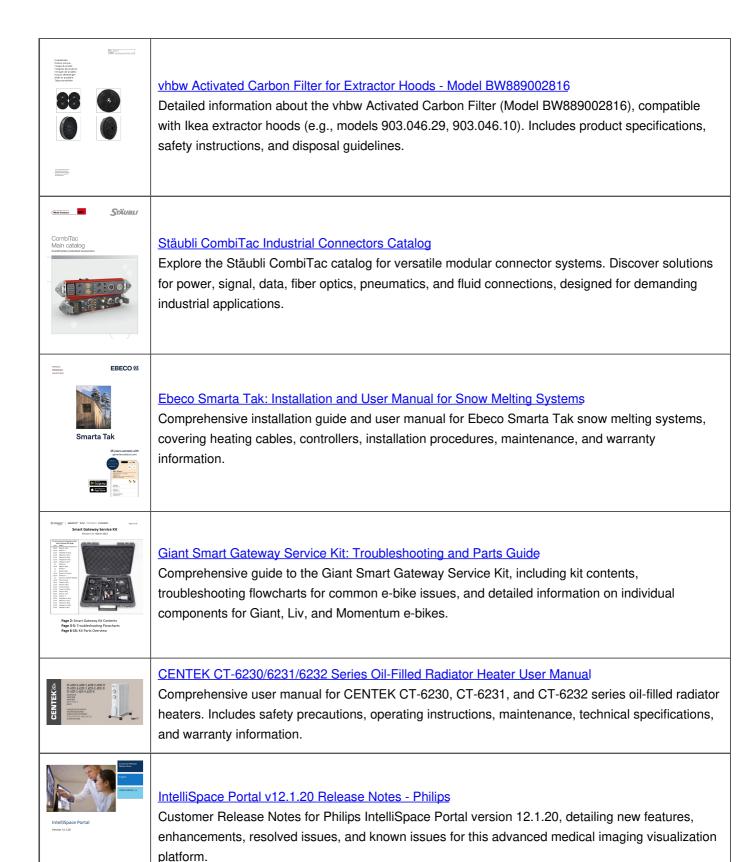
Image: The VHBW charger unit with its approximate dimensions indicated for reference.

# WARRANTY AND SUPPORT

VHBW is committed to customer satisfaction. Your charger comes with the following:

- 45-Day Refund Policy: If you are not satisfied, you may be eligible for a refund within 45 days of purchase.
- **15-Month Exchange Policy:** For any manufacturing defects or performance issues, a worry-free exchange is available for 15 months.
- Lifetime Customer Service: VHBW offers friendly customer service for the lifetime of the product.

For assistance or inquiries regarding your VHBW charger, please contact customer support via your Order ID. We are here to help.



PHILIPS