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> [vhbw 42V 2A Electric Scooter Charger \(Model CT-1250\) Instruction Manual](#)

vhbw CT-1250

vhbw 42V 2A Electric Scooter Charger Instruction Manual

Model: CT-1250

Brand: vhbw

1. PRODUCT OVERVIEW

The vhbw 42V 2A Electric Scooter Charger (Model CT-1250) is designed to provide efficient and safe charging for 36V lithium-ion battery scooters. This universal charger features multiple connector tips for wide compatibility with various scooter brands. Its compact and lightweight design makes it ideal for home, office, or travel use.

3 Meters Total Cable Length

Real-time Charging Indicator



Image: The vhw 42V 2A Electric Scooter Charger, showing its compact design and attached power cable.

2. SAFETY INFORMATION

- **Voltage Compatibility:** Ensure your scooter's battery is 36V and requires a 42V 2A charger. Incorrect voltage can damage the battery or charger.
- **Proper Connection:** Always connect the charger to the scooter's charging port before plugging it into a power outlet. Disconnect from the power outlet before unplugging from the scooter.
- **Avoid Overcharging:** Unplug the charger once the battery is fully charged (indicated by a green light). Prolonged overcharging can reduce battery lifespan and pose safety risks.

- **Indoor Use Only:** This charger is designed for indoor use. Avoid exposure to moisture, rain, or extreme temperatures.
- **Ventilation:** Ensure adequate ventilation around the charger during use to prevent overheating. Do not cover the charger.
- **Damage Inspection:** Regularly inspect the charger and cables for any signs of damage. Do not use a damaged charger.
- **Children and Pets:** Keep the charger out of reach of children and pets.

3. WHAT'S IN THE BOX

Your vhbw 42V 2A Electric Scooter Charger package includes:

- 1 x 42V 2A Power Adapter (Charger Unit)
- 1 x AC Power Cord (for wall outlet connection)
- Multiple DC Connector Tips (for various scooter models)

3 Meters Total Cable Length

Real-time Charging Indicator



Image: The vhw 42V 2A Electric Scooter Charger and its included power cables and connector tips.

4. SETUP

1. **Identify Correct Connector:** Select the appropriate DC connector tip for your 36V electric scooter. The charger comes with multiple tips to ensure wide compatibility (e.g., XLR, standard 3-prong, mini 3-prong, RCA, 5525 1-prong).
2. **Connect DC Tip:** Attach the selected DC connector tip to the charger's output cable.
3. **Connect AC Power Cord:** Plug the AC power cord into the charger unit.
4. **Connect to Scooter:** Insert the DC connector tip into your scooter's charging port.

5. **Plug into Outlet:** Finally, plug the AC power cord into a standard wall outlet.



Image: The charger unit with its 3-meter total cable length and real-time charging indicator.



Image: A detailed view of the 5-in-1 connector pack, showing XLR, standard 3-prong, mini 3-prong, RCA, and 5525 1-prong tips with dimensions.

Your browser does not support the video tag.

Video: This video demonstrates the universal 5-plug charger for 36V lithium battery packs, showing the various connectors and how they attach to the main charger unit.

5. OPERATING INSTRUCTIONS

Once the charger is properly connected to your scooter and a power outlet, the built-in LED indicator will show the charging status:

- **Red Light:** Indicates that the battery is currently charging.
- **Green Light:** Indicates that the battery is fully charged.

When the light turns green, disconnect the charger from the wall outlet first, then from the scooter. This prevents overcharging and helps prolong battery life.



Image: The charger's built-in LED indicator, showing red for charging and green for a full battery.

Your browser does not support the video tag.

Video: This video showcases the 42V 1.5A-2A scooter/bike charger, highlighting its features and compatibility with various electric vehicles.

6. MAINTENANCE

- **Cleaning:** Wipe the charger with a dry, soft cloth. 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 bending or crimping the cables excessively. Do not pull the charger by its cord.
- **Temperature:** Do not operate the charger in extremely hot or cold environments.

7. TROUBLESHOOTING

- **Charger Not Working:**
 - Ensure all connections are secure (AC cord to charger, charger to scooter, AC cord to wall outlet).
 - Check if the wall outlet is functional by plugging in another device.
 - Verify that the scooter's charging port is clean and free of debris.
- **Battery Not Charging:**
 - Confirm that the correct DC connector tip is being used for your scooter model.
 - Check the scooter's battery for any internal issues. The charger will show a green light if the battery is not accepting a charge, indicating a potential battery problem rather than a charger fault.
- **Overheating:**
 - Ensure the charger is placed in a well-ventilated area.
 - Unplug the charger and allow it to cool down if it feels excessively hot.

8. SPECIFICATIONS

Feature	Detail
Model Number	CT-1250
Input Voltage	100 Volts
Output Voltage	42V
Amperage	2 Amps
Wattage	84 watts
Compatible Battery	36V Lithium Battery
Connector Type	Barrel Connector (with multiple tips)
Special Feature	Short Circuit Protection
Item Weight	13.4 ounces
Package Dimensions	7.17 x 4.49 x 2.05 inches

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the product packaging or contact vhbw customer service directly. Keep your purchase receipt for any warranty claims.