

Volkswagen 000054412

Volkswagen 000054412 E-Charging Cable Mode 2 Instruction Manual

This manual provides essential information for the safe and effective use of your Volkswagen 000054412 E-Charging Cable Mode 2. Please read it thoroughly before initial use.

1. INTRODUCTION

The Volkswagen 000054412 E-Charging Cable Mode 2 is designed to provide a convenient charging solution for electric and plug-in hybrid vehicles (PHEV) using a standard household electrical socket. This cable allows for charging without the need for a dedicated WallBox installation.

Key Features:

- Original Volkswagen accessory, part number 000054412.
- Mode 2 charging cable for household sockets (Type E/F).
- Compatible with electric and plug-in hybrid vehicles (PHEV) requiring a Type 2 vehicle connector.
- Maximum charging power of 2.3 kW (230 V, 10 A, 1-phase).
- Cable length: 6 meters.
- Includes a storage bag for portability.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury, damage to the product, or damage to your vehicle or property.

- **Do not use the charging cable if it is damaged.** Inspect the cable, plugs, and control box for any signs of damage before each use.
- **Do not use extension cords or adapters.** Connect the charging cable directly to a properly installed and grounded household socket.
- **Ensure the electrical socket is suitable.** The socket must be in good condition, properly grounded, and capable of safely supplying 10 Amperes continuously.
- **Protect from moisture.** Do not use the charging cable in rain, snow, or wet conditions. Ensure all connections are dry before plugging in.
- **Avoid tripping hazards.** Route the cable in a way that it does not pose a tripping hazard to people or vehicles.

- **Keep out of reach of children.** This device is not a toy.
- **Do not attempt to open or repair the control box or cable.** Refer servicing to qualified personnel.
- **Disconnect safely.** Always disconnect the cable from the vehicle first, then from the household socket.

3. PRODUCT OVERVIEW

The Volkswagen Mode 2 E-Charging Cable consists of three main components:

1. **Household Plug (Type E/F Schuko):** Connects to the standard wall socket. (Black cable)
2. **Control Box:** Contains the charging electronics and safety features. (White box)
3. **Vehicle Connector (Type 2):** Connects to the charging port of your electric or hybrid vehicle. (Yellow cable)



Figure 1: Volkswagen Mode 2 E-Charging Cable. This image displays the Volkswagen Mode 2 E-Charging Cable. It features a white Type 2 connector for the vehicle, a yellow cable leading to a white control box, and a black cable with a Type E/F household plug for the power outlet. A black protective cap is also visible near the Type 2 connector.

4. SETUP

Follow these steps to prepare your charging cable for use:

1. **Unpack the cable:** Carefully remove the charging cable from its storage bag.
2. **Inspect for damage:** Before each use, visually inspect the entire cable, both plugs, and the control box for any signs of damage, such as cuts, cracks, or discoloration. Do not use if damaged.
3. **Choose a suitable location:** Ensure the charging location is dry, well-ventilated, and protected from direct sunlight or extreme temperatures. The household socket must be easily accessible.
4. **Ensure socket compatibility:** Verify that the household socket is a standard Type E/F (Schuko) socket, properly grounded, and rated for at least 10 Amperes.

5. OPERATING INSTRUCTIONS

To charge your electric or hybrid vehicle:

1. **Connect to household socket:** Insert the Type E/F household plug (black cable) firmly into a suitable, grounded wall socket. The control box indicator lights should illuminate, indicating power.
2. **Connect to vehicle:** Open the charging port cover on your vehicle. Insert the Type 2 vehicle connector (yellow cable) firmly into the vehicle's charging inlet. Ensure it clicks into place.
3. **Monitor charging:** The control box indicator lights will show the charging status. Refer to your vehicle's owner's manual for specific charging indicators. Charging will begin automatically.

4. **Charging completion:** Once charging is complete, the vehicle's indicators and the control box lights will change.
5. **Disconnect from vehicle:** Unlock the vehicle's charging port (if applicable) and carefully remove the Type 2 vehicle connector. Replace the vehicle's charging port cover.
6. **Disconnect from household socket:** Unplug the Type E/F household plug from the wall socket.

Important: Always disconnect from the vehicle first, then from the household socket.

6. MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your charging cable.

- **Cleaning:** Clean the cable and control box with a soft, dry cloth. Do not use abrasive cleaners, solvents, or immerse any part in water. Ensure all components are dry before storage or next use.
- **Storage:** When not in use, coil the cable neatly and store it in the provided storage bag. Keep it in a dry, cool place, away from direct sunlight, extreme temperatures, and moisture. Avoid kinking or bending the cable sharply.
- **Inspection:** Regularly inspect the cable, plugs, and control box for any signs of wear, damage, or corrosion. If any damage is found, discontinue use immediately and contact Volkswagen service.

7. TROUBLESHOOTING

If you encounter issues during charging, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Charging does not start.	Cable not fully connected. Household socket not supplying power. Vehicle charging port not activated. Cable or vehicle fault.	Ensure both plugs are firmly inserted. Check the household socket with another appliance. Check circuit breaker. Refer to your vehicle's manual for charging activation. Inspect cable for damage. If problem persists, contact service.
Control box indicator lights are off.	No power from household socket. Internal fault in control box.	Check household socket and circuit breaker. Disconnect and reconnect. If still off, discontinue use and contact service.
Slow charging.	This is a Mode 2 cable, designed for slower charging (max 2.3 kW). Vehicle settings.	This is normal operation for this type of cable. Check vehicle's charging settings.

For issues not listed here, or if troubleshooting steps do not resolve the problem, please contact Volkswagen customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	000054412

Feature	Detail
Brand	Volkswagen
Charging Mode	Mode 2
Vehicle Connector	Type 2
Infrastructure Connector	Type E/F (Schuko)
Cable Length	6 meters
Input Voltage	230 V AC
Input Current	10 A (max)
Phases	1-phase
Max. Charging Power	2.3 kW
Frequency	50 Hz
Product Dimensions	51.3 x 19.2 x 9 cm (approximate packaging/product size)
Item Weight	1.94 kg
Color	Black (household plug cable), Yellow (vehicle cable), White (control box)
Water Resistance	Not water resistant (for indoor/protected use only)

9. WARRANTY AND SUPPORT

This Volkswagen E-Charging Cable is covered by the standard Volkswagen accessory warranty. Please refer to your purchase documentation or contact your authorized Volkswagen dealer for specific warranty terms and conditions.

For technical support, service, or warranty claims, please contact your local Volkswagen service center or visit the official Volkswagen website for customer support information.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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