

Scame 204.WB11E-T232DY

Scame 204.WB11E-T232DY Wall Box Electric Vehicle Charging Station

Instruction Manual

1. INTRODUCTION AND OVERVIEW

The Scame 204.WB11E-T232DY Wall Box is a robust and efficient charging station designed for electric vehicles. Manufactured in Italy, this unit features a halogen-free technopolymer construction, ensuring high resistance to UVA rays and providing an IP54 degree of protection against dust and water. It is suitable for Mode 3 electric vehicle charging, complying with EN61851-1, and is equipped with a Type 2 socket featuring a safety shutter, in accordance with IEC/EN 62196-2.

This manual provides essential information for the safe and effective installation, operation, and maintenance of your Scame Wall Box.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Professional Installation Required:** Installation must be performed by a qualified electrician in accordance with all local and national electrical codes and regulations.
- **Electrical Hazard:** Do not attempt to open, disassemble, or modify the Wall Box. There are no user-serviceable parts inside.
- **Water and Dust Protection:** The unit has an IP54 rating, providing protection against dust ingress and splashing water. However, avoid direct high-pressure water jets.
- **Environmental Conditions:** Ensure the installation location is suitable for the operating temperature range and humidity specified in the technical data.
- **Cable Integrity:** Always inspect the charging cable and connector for any damage before each use. Do not use if damaged.
- **Children and Pets:** Keep children and pets away from the charging station during operation.

3. WHAT'S IN THE BOX

Upon unpacking, please verify that all components are present and undamaged:

- Scame 204.WB11E-T232DY Wall Box unit
- Instruction booklet (containing detailed installation guidelines and technical assistance contacts)

If any items are missing or damaged, please contact your supplier immediately.

4. SETUP AND INSTALLATION

The Scame Wall Box is designed for wall mounting. Due to the electrical nature of this product, installation must be carried out by a certified professional electrician.

4.1 Installation Location

Choose a suitable location for installation that is protected from direct impact and allows for easy access to the charging port of the electric vehicle. Ensure the mounting surface is structurally sound to support the weight of the unit.

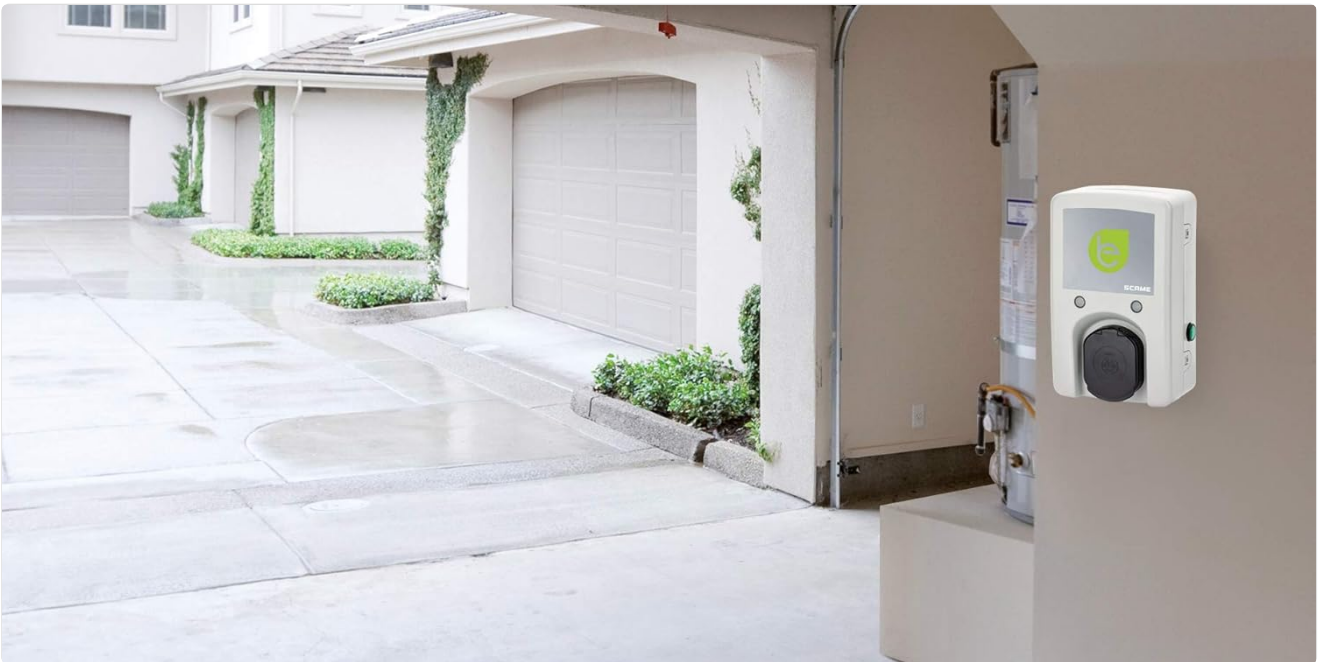


Image: The Scame Wall Box mounted on a wall, demonstrating a typical installation scenario in a residential or commercial parking area.

4.2 Electrical Connection

The Wall Box requires a dedicated electrical circuit. Refer to the detailed wiring diagrams and instructions provided in the included instruction booklet for proper electrical connections. The unit features an integrated magneto-thermal differential protection for enhanced safety.

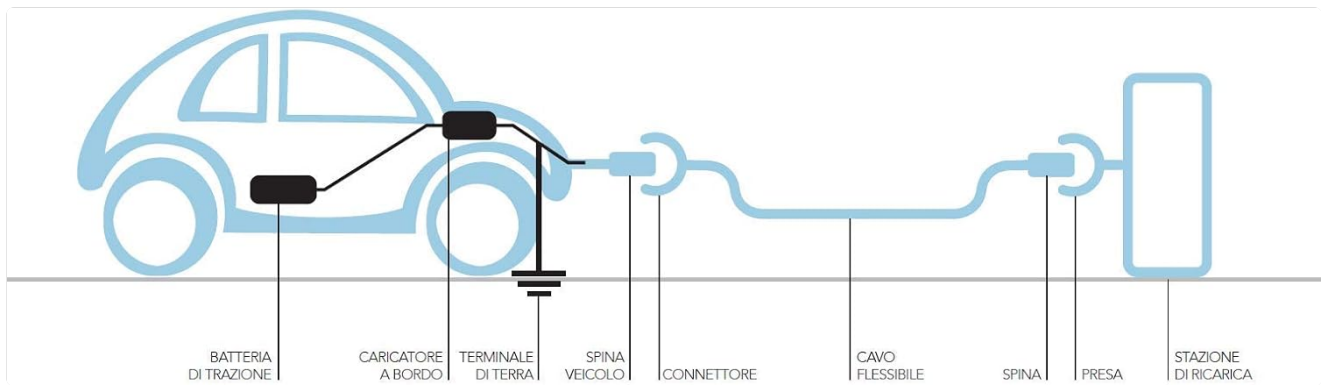


Image: A schematic diagram showing the components involved in electric vehicle charging, including the traction battery, on-board charger, vehicle terminal, vehicle plug, flexible cable, and charging station.

4.3 Initial Power-Up

After installation, the electrician will perform the initial power-up and verify correct operation. Ensure all safety checks are completed before first use.

5. OPERATING INSTRUCTIONS

The Scame Wall Box provides simple and secure charging for your electric vehicle.

5.1 Connecting Your Vehicle

1. Ensure your vehicle is parked safely and turned off.
2. Open the charging port cover on your electric vehicle.
3. Take the Type 2 charging cable (not included with the Wall Box) and insert one end into the Wall Box's Type 2 socket. The safety shutter will open automatically.
4. Insert the other end of the charging cable into your vehicle's charging port.
5. The Wall Box will initiate the charging process automatically (Mode 3 charging). Indicators on the Wall Box and your vehicle will confirm charging status.

5.2 Disconnecting Your Vehicle

1. Ensure the charging process has completed or is safely stopped via your vehicle's controls.
2. Disconnect the charging cable from your vehicle's charging port first.
3. Then, disconnect the charging cable from the Wall Box's Type 2 socket. The safety shutter will close automatically.
4. Close your vehicle's charging port cover.

6. MAINTENANCE

The Scame Wall Box is designed for minimal maintenance. Regular inspection and cleaning will ensure optimal performance and longevity.

- **Cleaning:** Periodically clean the exterior of the Wall Box with a soft, damp cloth. Do not use abrasive cleaners, solvents, or high-pressure water.
- **Inspection:** Regularly inspect the Wall Box and its connections for any signs of damage, wear, or loose components. Check the Type 2 socket for debris.

- **Professional Check:** It is recommended to have a qualified electrician inspect the charging station and its electrical connections annually.

Always ensure the power to the Wall Box is disconnected at the main circuit breaker before performing any cleaning or inspection.

7. TROUBLESHOOTING

If you encounter issues with your Scame Wall Box, refer to the following basic troubleshooting steps. For complex problems, contact a qualified electrician or technical support.

- **No Power/Indicators Off:** Check the main circuit breaker for the Wall Box. Ensure it is in the 'ON' position. If the integrated magneto-thermal differential protection has tripped, reset it according to the instructions in the full manual.
- **Charging Not Initiating:**
 - Ensure the charging cable is securely connected to both the Wall Box and the vehicle.
 - Check your vehicle's charging settings.
 - Inspect the charging cable and connectors for any visible damage.
- **Slow Charging:** Verify that your vehicle's charging settings are configured for the desired charging speed. Ensure the electrical supply to the Wall Box is stable.

If the problem persists after attempting these steps, consult the comprehensive instruction booklet for more detailed troubleshooting guides or contact technical assistance.

8. SPECIFICATIONS

Feature	Specification
Model Number	204.WB11E-T232DY
Nominal Current	32 A
Nominal Voltage	230 V
Charging Power	7.4 kW
Socket Type	Type 2 with safety shutter
Protection Rating	IP54 (Dust and water protection)
Material	Halogen-free technopolymer
Compliance	EN61851-1 (Mode 3 charging), IEC/EN 62196-2
Item Weight	3.12 Kilograms
Package Dimensions	36.29 x 27.6 x 16.5 cm
Manufacturer	Scame Parre S.p.a.

9. WARRANTY AND SUPPORT

The Scame 204.WB11E-T232DY Wall Box is a product of Italian design and manufacturing, ensuring high quality and reliability. All Scame charging stations are designed, manufactured, and tested at the Scame Parre headquarters in Italy.



Image: The "Qualità Made in Italy" logo, signifying the product's origin and commitment to quality manufacturing in Italy.

For specific warranty details, please refer to the documentation included with your product or contact your point of purchase.

9.1 Technical Assistance

For installation support or any technical inquiries, please refer to the contact information provided in the instruction booklet supplied with your Wall Box. This booklet contains details for reaching Scame's technical assistance team.