

Teskee WB10-11kW

Teskee EV Charger Type 2 Wallbox (Model WB10-11kW) - User Manual

Comprehensive instructions for installation, operation, and maintenance.

1. INTRODUCTION

Thank you for choosing the Teskee EV Charger Type 2 Wallbox. This manual provides essential information for the safe and efficient use of your charging station. Please read it thoroughly before installation and operation, and keep it for future reference.

Key Features:

- **Fast and Stable Charging:** Delivers a maximum charging power of 11kW with a 16A output current. Features a 6-meter cable and 3-phase Level 2 EV charging with a Type 2 plug. Designed for easy wall mounting without requiring a dedicated app.
- **Compact and Versatile Design:** Its compact form factor allows for flexible indoor or outdoor installation, suitable for various electrical systems in homes, apartments, hotels, and workplaces.
- **Safe and Reliable Operation:** Equipped with advanced vehicle communication and comprehensive safety protections. Certified to CE, FCC, RoHS, and TUV standards, with an IP66 rating for robust water and dust resistance, suitable for outdoor use. Includes protection against over/under voltage, overload, short circuit, leakage, earth leakage, overheating, and lightning.
- **Durable and Eco-Friendly:** The charging cable features a TPU shell, providing enhanced wear resistance, anti-aging properties, and excellent heat and cold resistance. It is environmentally friendly and boasts an IK10 impact protection rating, equivalent to a 5 kg mass dropped from 400 mm.
- **Universal Compatibility and Convenience:** Compatible with all Type 2 (IEC 62196-2) electric and plug-in hybrid vehicles across Europe. Includes a complimentary cable hook for convenient storage, making it ideal for home, outdoor, and indoor charging.

2. SAFETY INFORMATION

Always adhere to local electrical codes and safety regulations during installation and use. Installation should only be

performed by a qualified electrician. Do not attempt to open or repair the device yourself. Ensure the charging cable is not damaged before use. Keep children and pets away from the charging area.

3. PACKAGE CONTENTS

- Teskee EV Charger Type 2 Wallbox (Model WB10-11kW)
- Mounting Plate
- Expansion Screws
- Cable Hook
- User Manual

4. PRODUCT OVERVIEW

The Teskee EV Charger Type 2 Wallbox is designed for efficient and safe electric vehicle charging. Below are key components and their functions.



Figure 4.1: Teskee EV Charger Type 2 Wallbox. This image shows the main unit of the Teskee EV Charger, highlighting its compact design and integrated charging cable.

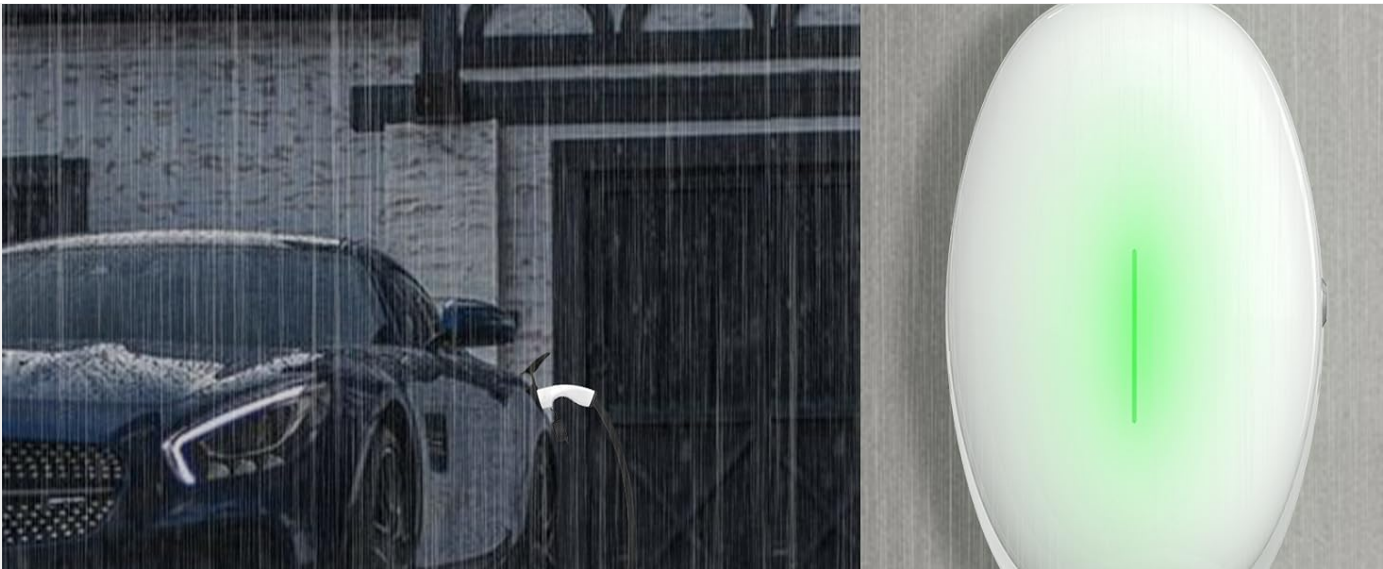


Figure 4.2: Teskee EV Charger Dimensions. This image provides a detailed view of the charger's dimensions, including its height, width, and depth, crucial for installation planning.



Figure 4.3: Type 2 Plug and Cable Construction. This image illustrates the internal structure of the charging cable and the Type 2 plug, emphasizing its robust and certified design for excellent conductivity and heat dissipation.

5. SPECIFICATIONS

Feature	Specification
Model Number	WB10-11kW
Maximum Charging Power	11 kW
Maximum Output Current	16 Ampere
Cable Length	6 meters
Phases	3-Phase
Connector Type	Type 2 (IEC 62196-2)
Voltage	380 Volt

Feature	Specification
IP Rating	IP66 (Water and Dust Resistant)
Impact Protection	IK10
Material	Copper (cable), TPU (cable shell)
Item Weight	4.5 Kilograms
Dimensions (Package)	43.9 x 42 x 12.5 cm
Certifications	CE, FCC, RoHS, TUV

6. INSTALLATION GUIDE

Important: Installation must be performed by a certified electrician in accordance with all local and national electrical codes.

6.1 Mounting the Wallbox

- Select Location:** Choose a suitable indoor or outdoor location near your parking spot, ensuring it is protected from direct sunlight and heavy rain if possible, despite its IP66 rating. Ensure sufficient space around the unit for cable management and ventilation.
- Prepare Mounting Surface:** Mark the drilling points on the wall using the mounting plate as a template. Ensure the surface is solid and can support the weight of the charger.
- Drill Holes:** Drill holes at the marked positions and insert the expansion screws.
- Attach Mounting Plate:** Securely fasten the mounting plate to the wall using the provided screws. Ensure it is level and firmly attached.
- Mount the Charger:** Align the charger with the mounting plate and slide it down until it clicks into place. Verify that the charger is securely fixed to the wall.



Figure 6.1: Example of Wallbox Installation. This image shows the Teskee EV Charger mounted on an exterior wall of a house, with two electric vehicles charging, demonstrating its outdoor suitability and cable length.

6.2 Electrical Connection

The Teskee EV Charger requires a 3-phase electrical connection. Consult a qualified electrician for proper wiring to your main electrical panel. Ensure the circuit is adequately protected with a circuit breaker and residual current device (RCD) as per local regulations.

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Video 6.2: Teskee 11kW EV Wallbox Installation Guide. This video provides a visual step-by-step guide on how to install the Teskee 11kW EV Wallbox, including mounting and initial setup.

7. OPERATING INSTRUCTIONS

7.1 Starting a Charge

1. **Connect to Vehicle:** Open the charging port cover on your electric vehicle. Insert the Type 2 charging plug firmly into your vehicle's charging port.
2. **Initiate Charging:** The charger will automatically detect the vehicle and begin the charging process. The display on the charger will show charging status, current, voltage, and power.



Figure 7.1: Plugging in the EV Charger. This image shows a user connecting the Type 2 charging plug to an electric vehicle, illustrating the ease of use.

7.2 Smart App Control (if applicable)

If your Teskee Wallbox model supports smart app control (e.g., via Tuya Smart app), follow these general steps:

1. **Download App:** Download the 'Tuya Smart' app from your smartphone's app store.
2. **Add Device:** Open the app, register an account, and follow the instructions to add a new device. The app will guide you through connecting the charger to your Wi-Fi network.
3. **Control and Monitor:** Once connected, you can use the app to adjust charging current, schedule charging times, view charging history, and toggle RFID functions.

7.3 Manual Control

The charger features a control button for manual adjustments:

- **Single Press:** Press the button once to cycle through and adjust the charging current (e.g., 6A, 8A, 10A, 13A, 16A).
- **Double Press:** Press the button twice quickly to enter Wi-Fi configuration mode.
- **Press and Hold (Standby Mode):** In standby mode, press and hold the button for 5 seconds to set a charging delay time. Release when the desired delay is shown on the display.

- **Press and Hold (Charging Mode):** While charging, press and hold the button to interrupt the charging process.

7.4 RFID Card Functions

If your model includes RFID functionality, use the provided RFID cards to control charging:

- **Activate/Deactivate Charging:** Tap an authorized RFID card on the marked area of the wallbox to start or stop a charging session.
- **Toggle RFID Function:** To disable the RFID function, tap an RFID card on the marked area for 10 seconds. To re-enable, tap for 10 seconds again.



Figure 7.2: Charger in Outdoor Conditions. This image demonstrates the charger's IP66 water resistance, showing it operating safely during rain.

8. MAINTENANCE

- **Regular Cleaning:** Wipe the charger and cable with a soft, damp cloth to remove dust and dirt. Do not use abrasive cleaners or solvents.
- **Inspect Cable:** Periodically check the charging cable and plug for any signs of wear, cuts, or damage. If damage is found, discontinue use immediately and contact customer support.
- **Storage:** When not in use, ensure the charging cable is neatly coiled and stored on the provided hook to prevent tripping hazards and cable damage.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger not starting	No power supply; cable not properly connected; vehicle not ready to charge.	Check power supply and circuit breaker. Ensure cable is firmly connected to both charger and vehicle. Verify vehicle's charging settings.
Charging interrupted	Overheating; power fluctuation; vehicle fault.	Allow charger to cool down. Check household electrical system. Consult vehicle manual for fault codes.
Slow charging speed	Lower current setting; vehicle limitation; grid voltage drop.	Check charger's current setting (if adjustable). Consult vehicle manual for charging capabilities. Contact electrician to check grid voltage.

Problem	Possible Cause	Solution
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Display not working	No power; internal fault.	Check power supply. If power is present and display remains off, contact customer support.
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10. WARRANTY AND SUPPORT

10.1 Warranty Information

The Teskee EV Charger Type 2 Wallbox comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official Teskee website for detailed terms and conditions. Keep your proof of purchase for warranty claims.

10.2 Customer Support

For technical assistance, troubleshooting, or any questions regarding your Teskee EV Charger, please contact our customer support team. You can find contact information on the Teskee official website or through your retailer.

