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Teskee LX30-7.2KW

Teskee Wallbox 7.4kW Type 2 EV Charger Instruction Manual

Model: LX30-7.2KW

Brand: Teskee

IMPORTANT SAFETY INFORMATION

Please read this manual carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Installation must be performed by a qualified electrician in accordance with all local and national electrical codes.
- Do not attempt to open, disassemble, or modify the charger.
- Ensure the power supply is disconnected before any installation or maintenance.
- The charger is rated IP66 for indoor and outdoor use. However, avoid submerging the unit in water.
- Keep children and pets away from the charging area during operation.
- Use only with compatible Type 2 electric vehicles.

PRODUCT OVERVIEW

The Teskee Wallbox 7.4kW Type 2 EV Charger (Model LX30-7.2KW) is designed for efficient and reliable charging of electric vehicles. It features adjustable current settings and robust protection for both indoor and outdoor environments.



Figure 1: Front view of the Teskee Wallbox 7.4kW Type 2 EV Charger.

Key Features

- **Fast and Stable Charging:** Maximum charging power of 7.4 kW, with a maximum output current of 32 amps.
- **Adjustable Charging Current:** Selectable current settings of 16A, 24A, or 32A.
- **Safety and Reliability:** Equipped with vehicle communication and safety protections, CE and RoHS certified, IP66 rated for water and dust resistance.
- **Compact Design:** Suitable for wall mounting in various locations including homes, apartments, hotels, and workplaces.
- **Universal Compatibility:** Integrated Type 2 socket compatible with all electric and plug-in hybrid vehicles.

SETUP AND INSTALLATION

Package Contents

Verify that all components are present before beginning installation:

- Teskee Wallbox 7.4kW EV Charger Unit
- Mounting Bracket
- Mounting Screws and Wall Plugs
- User Manual (this document)

Mounting Instructions

The charger is designed for wall mounting. Choose a suitable location that is easily accessible for your vehicle and has a stable wall structure.

1. Mark the drilling points on the wall using the mounting bracket as a template.
2. Drill holes and insert wall plugs.
3. Secure the mounting bracket to the wall with the provided screws.
4. Attach the charger unit to the mounting bracket.

Compact and Easy to install

Can be installed in 8 minutes



Figure 2: Teskee Wallbox charger shown with its mounting bracket for installation.

Electrical Connection

WARNING: Electrical installation must be performed by a certified electrician.

- Ensure the main power supply to the installation area is turned off at the circuit breaker.
- Connect the charger to a dedicated single-phase circuit (230V) with appropriate overcurrent protection (e.g., a 32A circuit breaker).
- Follow the wiring diagram provided with the charger for correct live, neutral, and ground connections.
- Verify all connections are secure before restoring power.

OPERATING INSTRUCTIONS

Connecting to Your Vehicle

1. Ensure your vehicle is parked and turned off.
2. Open the charging port cover on your electric vehicle.

3. Take the Type 2 charging cable from the Teskee Wallbox.
4. Insert the charging connector firmly into your vehicle's charging port. Ensure it clicks into place.
5. The charger will initiate communication with the vehicle and begin charging automatically.



Figure 3: The Teskee Wallbox connected and charging an electric vehicle.

Adjusting Charging Current

The Teskee Wallbox allows you to adjust the charging current to suit your needs or electrical infrastructure. The default current is 16A.

- Before connecting the charger to your vehicle, locate the button on the right side of the charging station.
- Press the button repeatedly to cycle through the available current settings: 16A, 24A, and 32A.
- The LED indicator on the charger will change to reflect the selected current (refer to the specific LED pattern in the full manual for details).
- Once the desired current is selected, connect the charger to your vehicle to begin charging at that rate.

Charging Status Indicators

The LED indicator on the front of the Teskee Wallbox provides visual feedback on the charging status:

- **Solid Green:** Ready to charge or fully charged.
- **Flashing Green:** Charging in progress.
- **Solid Red:** Error or fault detected. Refer to the Troubleshooting section.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Teskee Wallbox.

- **Cleaning:** Wipe the exterior of the charger with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the charger is powered off before cleaning.
- **Cable Inspection:** Periodically inspect the charging cable and connector for any signs of wear, damage, or fraying. If any damage is found, discontinue use and contact support.
- **Environmental Protection:** The IP66 rating provides protection against dust and water jets. While designed for outdoor use, ensure the unit is not exposed to extreme physical impact or prolonged submersion.

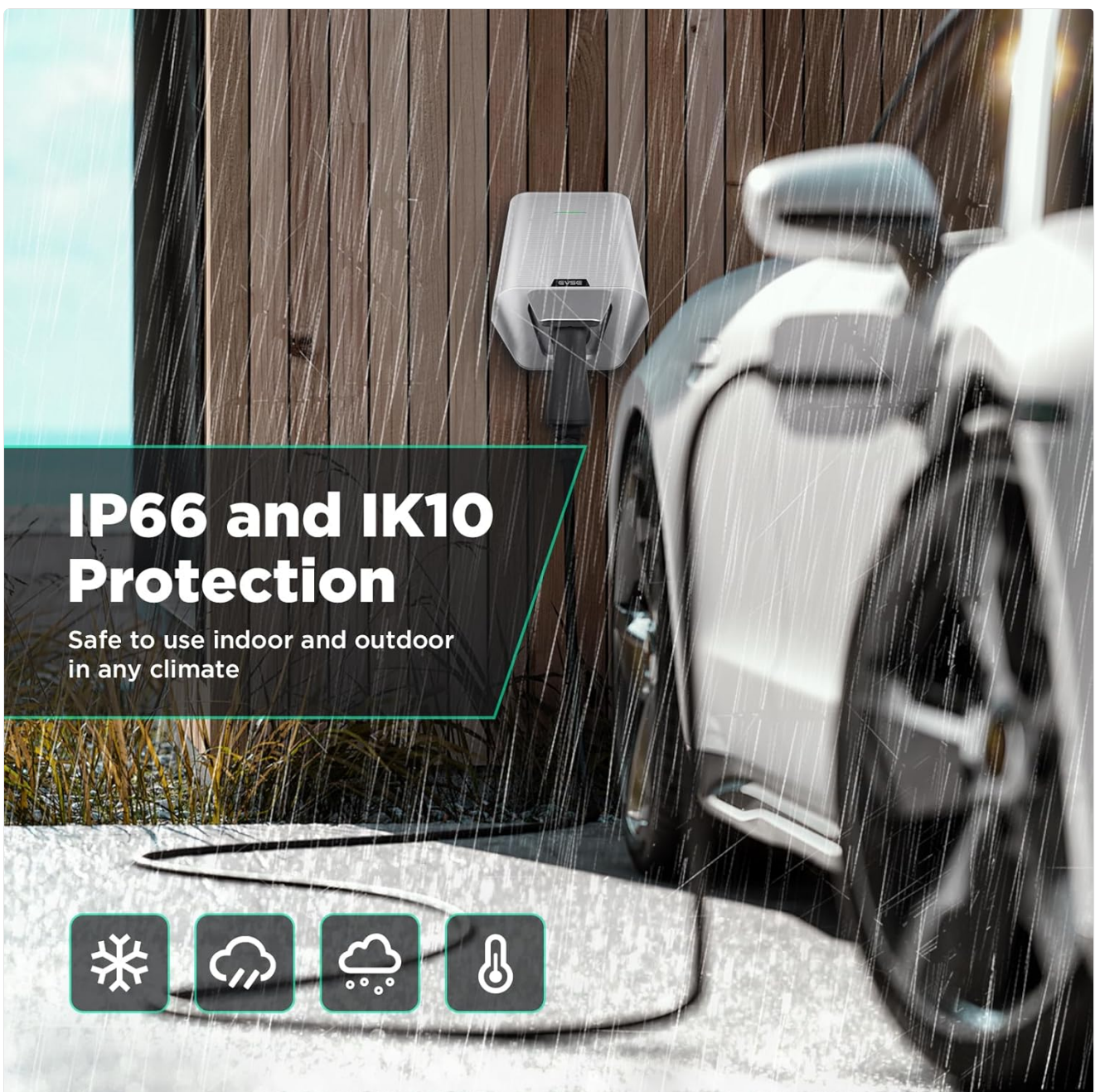


Figure 4: The Teskee Wallbox demonstrating IP66 and IK10 protection against rain, suitable for all climates.

TROUBLESHOOTING

If you encounter issues with your Teskee Wallbox, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Charger not powering on	No power from the electrical supply; Circuit breaker tripped.	Check the main power supply and circuit breaker. Ensure the charger is correctly wired.
Charging not starting	Cable not fully inserted; Vehicle not ready to charge; Charger fault.	Ensure the charging cable is securely connected to both the charger and the vehicle. Check vehicle's charging settings. If the issue persists, contact support.
Slow charging speed	Current setting is low; Vehicle limitation; Power supply issue.	Adjust the charging current to a higher setting (24A or 32A) using the button on the charger. Verify your vehicle supports higher charging rates.
Red LED indicator	Internal fault; Overcurrent/overvoltage protection activated.	Disconnect the charger from the power supply for 5 minutes, then reconnect. If the error persists, contact Teskee support.

SPECIFICATIONS

Detailed technical specifications for the Teskee Wallbox 7.4kW Type 2 EV Charger.

Feature	Specification
Model Number	LX30-7.2KW
Brand	Teskee
Manufacturer	Jiangsu Wissenergy Technology Co., Ltd
Charging Power	7.4 kW
Amperage	Adjustable: 16A / 24A / 32A
Voltage	230 Volts (Single Phase)
Connector Type	Type 2
Ingress Protection (IP) Rating	IP66
Impact Protection (IK) Rating	IK10
Product Weight	2.5 kg
Package Dimensions	43 x 35 x 17.5 cm
Special Features	Wall-mount design, Easy installation, Waterproof, Compact size, Universal Type 2 compatibility

UNIVERSAL COMPATIBILITY

The Teskee Wallbox is designed with a universal Type 2 socket, ensuring compatibility with a wide range of electric vehicles and plug-in hybrids available on the market.



Figure 5: The Teskee Wallbox is compatible with numerous electric vehicle brands.

WARRANTY AND SUPPORT

Teskee products are manufactured to high-quality standards and come with a standard warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Teskee website.

If you require technical assistance, have questions about installation, or need to report a fault, please contact Teskee customer support through the contact information provided on the product packaging or the official Teskee website. Please have your model number (LX30-7.2KW) and purchase details ready when contacting support.