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WISSENERGY 7.4KW Wallbox EV Charger User Manual

Model: LX30-Mode A-7KW-APP

Brand: WISSENERGY

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your WISSENERGY 7.4KW Wallbox EV Charger. Please read this manual thoroughly before using the product and keep it for future reference. Proper installation and usage are crucial for optimal performance and safety.

2. SAFETY INFORMATION

Your WISSENERGY wallbox is designed with multiple safety features and is CE, FCC, and RoHS certified. Adhere to the following safety guidelines:

- **Professional Installation:** Installation must be performed by a qualified electrician in accordance with local electrical codes and regulations.
- **Grounding:** Ensure proper grounding protection is in place.
- **Protection Features:** The device includes Type A + DC 6mA leakage protection, over/under voltage protection, short-circuit protection, lightning protection, and overheating protection. Do not bypass or tamper with these features.
- **Environmental Conditions:** The wallbox is IP66 rated for outdoor use, resistant to rain and snow. However, avoid submerging the unit in water. Operate within the specified temperature range of -25°C to 55°C.
- **Damage Inspection:** Before each use, inspect the charging cable and the wallbox for any signs of damage. Do not use if damaged.
- **Children and Pets:** Keep children and pets away from the charging area during operation.

3. PRODUCT OVERVIEW

The WISSENERGY 7.4KW Wallbox is a compact and robust electric vehicle charging station designed for home or private use. It features a high-quality, fully sealed enclosure with an IP66 rating, ensuring durability and reliable operation in various weather conditions.



Image: The WISSENERGY 7.4KW Wallbox EV Charger, a compact and sleek charging unit.

Key Features:

- **7.4KW Charging Power:** Provides efficient single-phase charging up to 32A.
- **APP Control:** Full control and monitoring via a mobile application (Bluetooth connection).
- **Type 2 Outlet:** Compatible with all European Type 2 electric vehicles.
- **Robust Design:** IP66 waterproof and dustproof enclosure for outdoor installation.
- **Comprehensive Safety:** Multiple protection mechanisms for secure charging.
- **Compact and Lightweight:** Weighs less than 4 kg for easy wall mounting.

4. SETUP AND INSTALLATION

The WISSENERGY 7.4KW Wallbox is designed for wall mounting. Installation steps and a drilling template are included in the product package. Due to the electrical nature of this product, **installation must be carried out by a qualified and certified**

electrician to ensure safety and compliance with all local electrical regulations.

Installation Considerations:

- **Location:** The wallbox can be installed indoors or outdoors thanks to its IP66 rating. Choose a location that is easily accessible for your vehicle.
- **Power Supply:** The unit requires a single-phase power supply. Ensure the electrical circuit can support a 32A load.
- **Wiring:** A 1-meter bare wire is provided for connection to the main power supply. This connection must be made by a qualified person.
- **Mounting:** Use the provided drilling template and hardware for secure wall mounting.



Image: Detail showing the bare wire connection point for the WISSENERGY Wallbox, emphasizing the need for professional installation.



Image: Examples of the WISSENERGY Wallbox installed both indoors and outdoors, demonstrating its versatile placement options.

5. OPERATING INSTRUCTIONS

5.1 Basic Charging Process

1. **Connect the Wallbox:** Ensure the wallbox is properly installed and powered on.
2. **Connect to Vehicle:** Plug the Type 2 charging cable from the wallbox into your electric vehicle's charging port.
3. **Start Charging:** Charging will typically begin automatically or can be initiated via the mobile application.
4. **Monitor Charging:** Use the mobile application to monitor the charging status in real-time.
5. **Stop Charging:** Stop charging via the mobile application or by disconnecting the cable from your vehicle (follow your vehicle's specific instructions for safe disconnection).

5.2 APP Control (Bluetooth Connection Only)

The WISSENERGY wallbox offers advanced control and monitoring capabilities through its dedicated mobile application. The app connects via Bluetooth only.

- **Current Adjustment:** Freely adjust the charging current between 6A and 32A to suit your needs and grid capacity.
- **Timer Function:** Set specific charging timers for scheduled charging sessions.
- **Delayed Charging:** Program delayed charging within a 24-hour window to take advantage of off-peak electricity rates.
- **Real-time Monitoring:** View the current charging status, power consumption, and other relevant data in real-time.

- **Charging Records:** Each charging session is automatically recorded, allowing you to track and analyze your charging history.



Image: Screenshot illustrating the remote control features of the WISSENERGY Wallbox via its mobile application, including timer and time-delay settings.



Image: The mobile application displaying a record of charging sessions and statistics for the WISSENERGY Wallbox.

5.3 Compatibility

The WISSENERGY wallbox is compatible with all European Type 2 electric vehicles (BEV) and plug-in hybrid electric vehicles (PHEV). This includes a wide range of models such as:

- Peugeot 3008/508/308 PHEV
- Citroën C5X
- DS7
- Mercedes-Benz GLA
- Audi Q3, X3, e-tron
- Volkswagen ID.3, ID.4, ID.5, e-Golf, e-Up
- Tesla Model Y, Model 3
- Dacia Spring
- Hyundai Kona, Ioniq 5
- Renault ZOE
- BMW i3, i4
- And many other Type 2 compatible vehicles.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your WISSENERGY Wallbox.

- **Cleaning:** Clean the exterior of the wallbox with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the unit is powered off before cleaning.
- **Cable Inspection:** Periodically inspect the charging cable and connector for any signs of wear, cuts, or damage. Replace if necessary.
- **Connection Points:** Ensure all connections remain secure. If you suspect any loose connections, contact a qualified electrician.
- **Environmental Checks:** Ensure the area around the wallbox remains clear of debris and obstructions.

7. TROUBLESHOOTING

If you encounter issues with your WISSENERGY Wallbox, refer to the following basic troubleshooting steps. For complex problems, contact customer support or a qualified electrician.

- **No Power:** Check the circuit breaker in your electrical panel. Ensure the wallbox is properly connected to the power supply.
- **Charging Not Starting:** Verify that the charging cable is securely connected to both the wallbox and the vehicle. Check the vehicle's charging settings. Ensure the wallbox is not set to a delayed charging schedule via the app.
- **App Connectivity Issues:** Ensure Bluetooth is enabled on your mobile device and that you are within range of the wallbox. Restart the app or your device if necessary.
- **Error Indicator:** If the wallbox displays an error light or message, consult the app for more details or refer to the full product manual for specific error codes.
- **Slow Charging:** Check the current setting in the mobile application. Ensure it is set to the desired amperage (up to 32A).

8. SPECIFICATIONS

Feature	Specification
Brand	WISSENERGY
Model	LX30-Mode A-7KW-APP
Item Weight	3.6 Kilograms
Package Dimensions	37 x 31 x 17 cm
Special Features	Lightweight Design, Short-circuit Protection, Water Resistant, Fast Charging
Amperage	32 Ampere
Wattage	7.4 KW
Compliant Standard	CE, IEC, WEEE
Input Voltage	230 Volt
Color	Black
IP Rating	IP66 (Waterproof and Dustproof)
Operating Temperature	-25°C to 55°C

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product or contact WISSENERGY customer support directly. If you require technical assistance or have questions not covered in this manual, please reach out to the seller or manufacturer.

You can visit the official WISSENERGY store for more information: [WISSENERGY Store](#)

10. PRODUCT VIDEOS

Watch these videos for a visual guide to the WISSENERGY Wallbox features and operation.

Your browser does not support the video tag.

Video: A brief overview of the WISSENERGY Wallbox, showcasing its design and key functionalities.

Your browser does not support the video tag.

Video: Demonstration of the WISSENERGY Wallbox in use, highlighting its charging process and user interaction.