

WISSENERGY WB20-Mode C-22KW

WISSENERGY EV Charger 32A 22KW Wall Box Charging Station

Model: WB20-Mode C-22KW

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your WISSENERGY EV Charger. Please read these instructions carefully before installation and use, and retain them for future reference.

The WISSENERGY EV Charger is a high-performance 32A three-phase 22KW wall box charging station designed for electric vehicles (BEVs and PHEVs) equipped with an IEC 62196-2 standard Type 2 charging port. It offers fast charging capabilities and a user-friendly interface.

SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage:

- Ensure installation is performed by a qualified electrician in accordance with local electrical codes and regulations.
- Do not attempt to open, disassemble, or modify the charging station.
- Keep the charging station and cable away from water, heat sources, and flammable materials.
- Do not use the charger if the cable or connector is damaged.
- Ensure the charging cable is properly connected to both the charging station and the vehicle before initiating charging.
- Children should be supervised to ensure they do not play with the appliance.

PACKAGE CONTENTS

Verify that all items are present in the package:

- WISSENERGY EV Charger Wall Box Unit
- Integrated Charging Cable (6.1 meters)
- Installation Accessories (Mounting bracket, screws, etc. - *specific items may vary, refer to packaging*)

- User Manual (this document)

SETUP AND INSTALLATION

The WISSENERGY EV Charger is designed for wall-mounted installation. Due to the high power output (22KW, 32A three-phase), professional installation by a certified electrician is strongly recommended to ensure safety and compliance with electrical standards.

1. **Site Selection:** Choose a suitable location for the wall box, ensuring it is within reach of your vehicle's charging port with the 6.1-meter cable. The location should be protected from direct impact and allow for proper ventilation.
2. **Mounting:** Securely mount the charging station to a solid wall surface using the provided mounting hardware. Ensure the unit is level and stable.
3. **Electrical Connection:** Connect the charging station to your electrical supply. This unit requires a three-phase AC power source. All wiring must comply with local electrical codes.
4. **Initial Power-Up:** Once installed, switch on the power supply to the charging station. The LCD screen should illuminate, indicating the unit is ready for operation.



Image: WISSENERGY EV Charger wall box with its integrated 6.1-meter charging cable and power input cable, illustrating the overall dimensions of the unit.

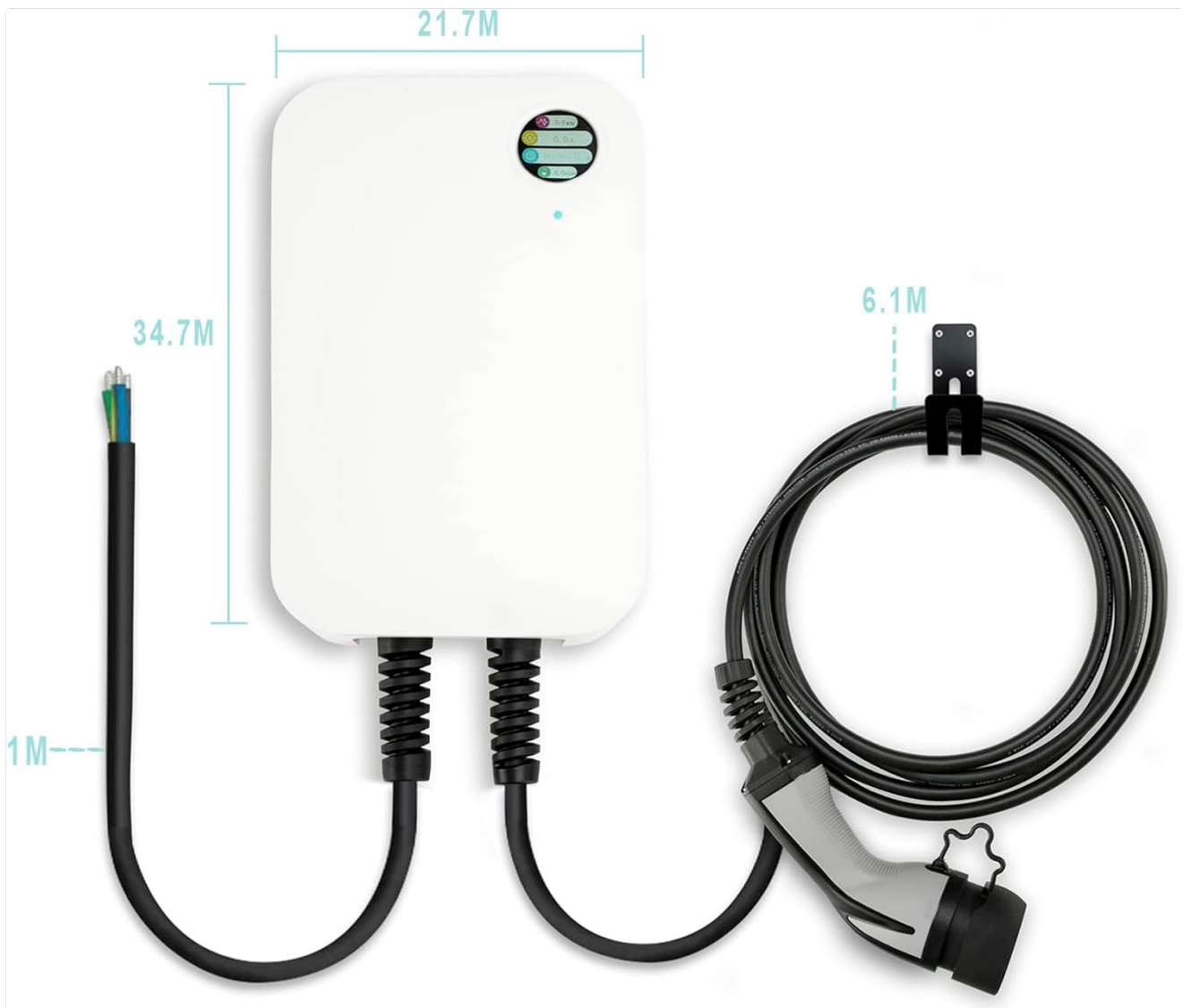


Image: Detailed view of the WISSENERGY EV Charger wall box, with specific dimensions (21.7M, 34.7M, 1M, 6.1M) indicated for installation planning.

OPERATING INSTRUCTIONS

The WISSENERGY EV Charger features a touch-sensitive LCD screen for easy operation and monitoring.

1. **Connect to Vehicle:** Open your electric vehicle's charging port and firmly insert the Type 2 charging connector from the WISSENERGY charger. Ensure a secure connection.
2. **Initiate Charging:** The charger will automatically detect the vehicle. Use the touch LCD screen to adjust the charging current if necessary. The screen will display key parameters such as charging current, charging time, charging power, and charging capacity.
3. **Monitor Charging:** Observe the LCD screen for real-time charging status.
4. **Stop Charging:** To stop charging, either disconnect the cable from the vehicle (if your vehicle supports this method) or use the controls on the charging station or your vehicle.
5. **Disconnect:** Once charging is complete, safely disconnect the charging cable from your vehicle and return it to its storage position.

TOUCHABLE LCD DISPLAY



Image: The touchable LCD display of the WISSENERGY EV Charger, showing real-time charging data including power (9.0 kW), amperage (32.0 A), charging duration (05:10:08 h), and total energy delivered (100 kWh).

Charge Power Up to 22KW



Image: The WISSENERGY EV Charger connected to an electric car, visually representing its capability to deliver up to 22KW charging power.



Image: A hand demonstrating the insertion of the EU standard IEC 62196-2 Type 2 charging plug into an electric vehicle's charging port, highlighting the robust design for over 10,000 insertions.

6M Charging Cable



Image: A user connecting the WISSENERGY EV Charger to an electric vehicle, demonstrating the practical use of the 6.1-meter charging cable in a typical home garage or driveway setup.

MAINTENANCE AND CARE

The WISSENERGY EV Charger is designed for durability and features an IP66 waterproof rating, making it suitable for outdoor use in various weather conditions.

- **Cleaning:** Regularly wipe the exterior of the charging station with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Cable Inspection:** Periodically inspect the charging cable and connector for any signs of wear, cuts, or damage. If any damage is found, discontinue use immediately and contact support.
- **Environmental Protection:** The IP66 rating ensures protection against dust and powerful water jets. However, avoid submerging the unit in water.

EU STANDARD IEC 62196-2 CHARGING PLUG



**More Than
10000 times'
Insertion and
Removal**

Image: The WISSENERGY EV Charger unit, illustrating its IP66 waterproof rating with icons representing its resilience to snow, cloudy conditions, rain, and varying temperatures, ensuring reliable operation outdoors.

TROUBLESHOOTING

If you encounter issues with your WISSENERGY EV Charger, consider the following basic troubleshooting steps:

- **No Power:** Check the circuit breaker connected to the charging station. Ensure the unit is properly connected to the AC power source.
- **Charging Not Initiating:**
 - Ensure the charging cable is securely plugged into both the charger and the vehicle.
 - Verify that your vehicle's charging port is open and ready to receive power.
 - Check the LCD screen for any error messages.
- **Slow Charging:**
 - Confirm the current setting on the LCD screen is appropriate for your vehicle and desired charging speed.

- Ensure your vehicle is capable of accepting 22KW three-phase charging.
- **Damaged Cable/Connector:** If the charging cable or connector shows any signs of damage, discontinue use immediately to prevent electrical hazards.

For persistent issues or complex problems, please contact WISSENERGY customer support.

SPECIFICATIONS

Feature	Detail
Brand	WISSENERGY
Model Number	WB20-Mode C-22KW
Product Dimensions	16.93 x 10.04 x 10.24 inches
Item Weight	15.4 pounds
Connector Type	Type 2 (IEC 62196-2)
Compatible Devices	Electric Vehicles (BEVs & PHEVs) with Type 2 charging port
Amperage	32 Amps
Wattage	22000 watts (22KW)
Output Current	32 Amps
Power Source	AC (Three Phase)
Cable Length	6.1 meters (approx. 20 feet)
Special Feature	Touch LCD Screen, IP66 Waterproof

WARRANTY INFORMATION

WISSENERGY provides a **1-year warranty** for quality-related problems from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

Please retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to make a warranty claim, please contact WISSENERGY customer support. Refer to the contact information provided with your product packaging or visit the official WISSENERGY website for support details.

We are committed to providing the best solution for your needs.

