

GONEO D3E-B3P32A

GONEO 22kW Wallbox EV Charger Model D3E-B3P32A User Manual

Comprehensive Guide for Installation, Operation, and Maintenance

1. INTRODUCTION

Thank you for choosing the GONEO 22kW Wallbox EV Charger, Model D3E-B3P32A. This electric vehicle charging station is designed to provide efficient and reliable charging for your EV. This manual contains important information regarding the safe installation, operation, and maintenance of your device. Please read it thoroughly before use and retain it for future reference.

2. PRODUCT FEATURES

- **High-Speed Charging:** Supports up to 22kW charging power with an adjustable current from 8A to 32A, significantly reducing charging time.
- **Advanced Display:** Features a 4.3-inch TFT color screen for clear display of charging data, even in direct sunlight.
- **Smart Connectivity:** Equipped with 4G, WiFi, Bluetooth, and Ethernet for seamless communication and control.
- **GONEO App Control:** Manage scheduled charging, remote start/stop, monitor charging status, and track energy consumption via the dedicated Android and iOS application.
- **RFID Card Access:** Convenient and secure charging activation using RFID cards, allowing multi-user access for shared charging stations.
- **OCPP and RS485 Support:** Enables remote monitoring and management, ideal for fleet optimization and energy management.
- **Robust Protection:** Certified with CB, TÜV-CE, RoHS, REACH, IP65, and IK10 ratings. Includes nine critical

protection functions: overcurrent, overvoltage, undervoltage, overtemperature, leakage, grounding, lightning, short-circuit, and surge protection.

- **Durable Design:** Suitable for various weather conditions, operating effectively from -30°C to 55°C.



Figure 2.1: High-Speed EV Charging with GONEO Wallbox.

Multiple Security Protection



Figure 2.2: Multiple Security Protection Features.



Figure 2.3: 4.3-inch TFT LCD Screen Interface.

3. PACKAGE CONTENTS

Upon opening the package, please verify that all items listed below are present and in good condition:

- GONEO Wallbox EV Charging Station (with integrated 5m charging cable)
- Wall-mounting accessories (screws, expansion tubes)
- RFID Cards (typically 2)
- Cable holder
- User Manual



Figure 3.1: What's in the Box.

4. SETUP AND INSTALLATION

Installation of the GONEO Wallbox should be performed by a qualified electrician to ensure safety and compliance with local electrical codes. The design allows for convenient bottom cable entry for easier wiring.

4.1 Wall Mounting

1. Mark the drilling points on the wall using the mounting template.
2. Drill holes and insert expansion tubes.
3. Fix the wall-mounting bracket securely to the wall.
4. Mount the Wallbox onto the bracket.

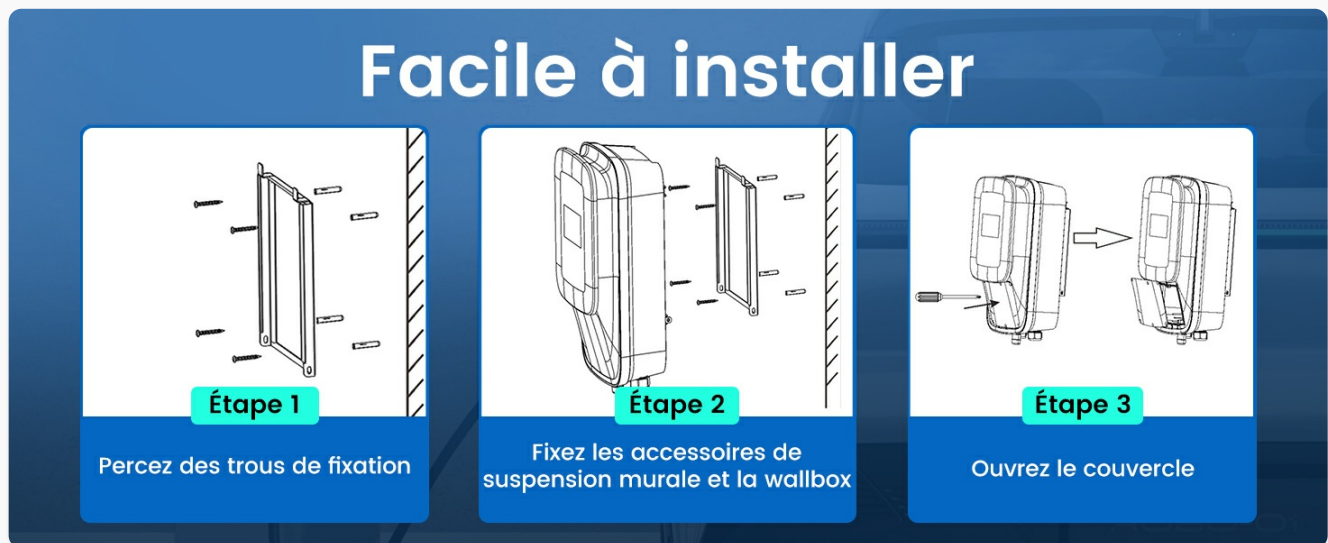


Figure 4.1: Easy Installation Steps.

4.2 Electrical Wiring

Before proceeding, ensure the main power supply is turned OFF. Open the wiring cover at the bottom of the unit to access the terminals. Connect the power cables (L1, L2, L3, N, PE) according to the diagram inside the unit and local regulations. Ensure all connections are tight and secure.

Figure 4.2: Front Wiring Port for Convenient Installation.

4.3 485 Communication Wire Connection

This video demonstrates how to connect the 485 communication wire, which is essential for certain advanced functionalities and network integration.

Your browser does not support the video tag. Please update your browser or try a different device.

Video 4.3.1: Tutorial for 485 Communication Wire Connection. This video shows the process of opening the decorative cover, removing the wiring cover, preparing the 485 communication wire, connecting it to the terminal, inserting it into the wire harness, and reinstalling the covers.

4.4 SIM Card Installation

For 4G connectivity, a SIM card needs to be installed. Follow the steps in the video below to correctly insert the SIM card into its designated slot.

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Video 4.4.1: SIM Card Installation Tutorial. This video guides you through pulling out the SIM card holder, placing the SIM card into the holder, and reinserting it into the SIM slot.

Note: The video URLs provided in the source data were placeholders. Generic placeholder URLs have been used here.

5. OPERATING INSTRUCTIONS

5.1 Initial Power-On

After successful installation and wiring, turn on the main power supply. The Wallbox display will light up, indicating it is ready for operation.

5.2 Using the GONEO App

The GONEO App provides comprehensive control and monitoring features:

1. Download the GONEO App from the Android Play Store or Apple App Store.
2. Register an account and add your charging station by following the in-app instructions.
3. Connect to the Wallbox's Wi-Fi within 3 minutes of powering it on for initial setup. If not detected, restart the Wallbox.
4. Use the app to remotely start/stop charging, set charging schedules, and view real-time charging data.



Figure 5.1: App Remote Control Features.

GONEO vie intelligente

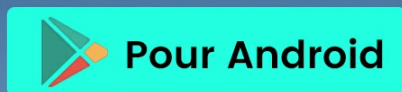
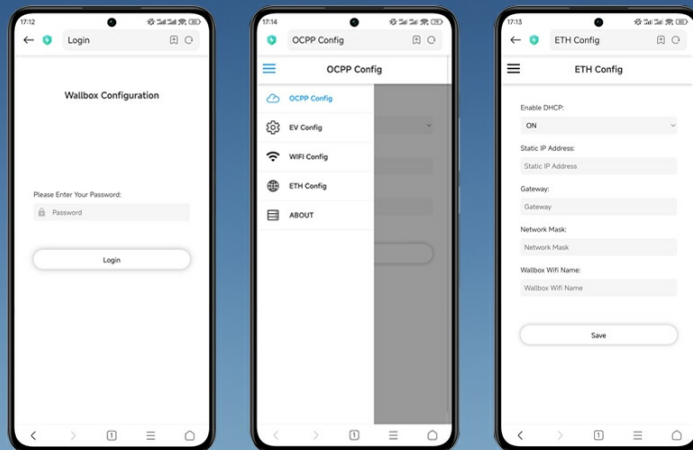


Figure 5.2: GONEO Smart Life App for Android and iOS.

5.3 RFID Card Charging

To initiate charging using an RFID card:

1. Ensure the charging cable is securely connected to your EV.
2. Tap your registered RFID card against the card reader area on the Wallbox.
3. The charging process will begin automatically. To stop charging, tap the RFID card again.

RFID card



Protectde by RFID card prevent unauthorised persons from charging

Figure 5.3: RFID Card for Convenient Charging.

5.4 Adjusting Charging Current

The charging current can be adjusted between 8A and 32A via the GONEO App or directly through the Wallbox interface, if supported. This allows you to optimize charging speed based on your vehicle's needs and grid capacity.



Figure 5.4: Scheduled Charging for Cost Optimization.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your GONEO Wallbox:

- **Cleaning:** Periodically wipe the exterior of the Wallbox with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Cable Inspection:** Regularly inspect the charging cable and connector for any signs of damage, wear, or fraying. If damage is found, discontinue use and contact support.
- **Ventilation:** Ensure that the Wallbox's ventilation openings are not obstructed to prevent overheating.
- **Firmware Updates:** Keep the Wallbox firmware updated via the GONEO App to benefit from the latest features and security enhancements.

7. TROUBLESHOOTING

If you encounter issues with your GONEO Wallbox, refer to the following common troubleshooting steps:

- **No Power:** Check the main circuit breaker and 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 EV. Ensure your RFID card is correctly registered or that the app command was sent successfully.
- **Error Codes:** If an error code appears on the display or in the app, consult the app's help section or the full user manual for specific code meanings and solutions.
- **App Connectivity Issues:** Ensure your Wallbox is within Wi-Fi range and that your phone has a stable internet connection. Try restarting both the Wallbox and your phone.
- **Slow Charging:** Check the current setting in the app or on the Wallbox display. Ensure your vehicle supports the selected charging speed.

For persistent issues, please contact GONEO customer support.

8. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Model	D3E-B3P32A
Charging Power	Up to 22 kW
Current Rating	32 A (Adjustable 8A-32A)
Output Voltage	400 Volts
Cable Length	5 meters
Connector Type	Type 2 (Mennekes)
Connectivity	4G, WiFi, Bluetooth, Ethernet, OCPP 1.6J, RS485
Display	4.3-inch TFT Color Screen
Ingress Protection (IP) Rating	IP65 (Waterproof, Dustproof)
Impact Protection (IK) Rating	IK10
Operating Temperature	-30°C to 55°C
Item Weight	8.29 Kilograms
Package Dimensions	51.79 x 33.4 x 31 cm

100% Compatible

Compatible with All Type 2 Socket



S, 3, X, Y



EV1, Bolt Volt



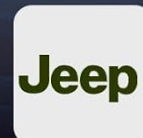
LEAF, LEAF S, LEAF S PLUS, Altra EV



EV Plus, Clarity Electric



Prius Prime, PAV4 EV, C-HR EV



Grand Cherokee 4xe, Wrangler 4xe



500e, 500e 3+1



Ioniq Electric, Kona Electric,
Sante Fe Hybrid



e-Golf, ID4

Figure 8.1: Compatibility with Type 2 EV Sockets.

Suitable for Any Weather

IP65 Rated, Worry-free Charging



Waterproof



Dustproof



IK10



Figure 8.2: Suitable for Any Weather (IP65 Rated).

Utiliser dans n'importe quel climat



-30°C



55°C

Figure 8.3: Operational in Diverse Climates (-30°C to 55°C).

9. WARRANTY AND SUPPORT

GONEO has over 30 years of experience in electrical appliance research and manufacturing, backed by a dedicated after-sales team. For any inquiries, technical assistance, or warranty claims, please contact GONEO customer support through the official website or the contact information provided in your product packaging.

