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› Evjuicion Wallbox 7.4 kW Type 2 EV Charger Instruction Manual Model ZAU207C-CS

## Evjuicion ZAU207C-CS

# Evjuicion Wallbox 7.4 kW Type 2 EV Charger Instruction Manual

Model: ZAU207C-CS

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your Evjuicion Wallbox 7.4 kW Type 2 Electric Vehicle (EV) Charger. This Level 2 charger is designed to provide efficient and reliable charging for your electric or hybrid vehicle. Please read this manual thoroughly before installation and use to ensure safe and optimal performance.



Figure 1: Evjuicion Wallbox 7.4 kW Type 2 EV Charger in use, illustrating rapid charging capabilities.

## 2. SAFETY INFORMATION

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### Important Safety Instructions:

- Read all instructions before using this product.
- This device must be installed by a qualified electrician in accordance with all local and national electrical codes and regulations.
- Do not use if the charging cable or connector is damaged, frayed, or shows any signs of wear.
- Do not immerse the charger or cable in water or other liquids.
- Do not operate the charger in explosive or flammable environments.
- Ensure the charging cable is properly routed to prevent tripping hazards or damage.
- Keep children away from the charging area during operation.
- Disconnect power before performing any maintenance or cleaning.

# 8 Protection, Sûr et Fiable



Figure 2: The Evjuicion Wallbox incorporates 8 layers of protection for safe and reliable charging, including safeguards against overcharges, thermal issues, ground faults, current leakage, high and low voltage, overloads, and lightning strikes.

## 3. PACKAGE CONTENTS

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Verify that all items listed below are included in your package:

- 1 x EV Charger Unit (Evjuicion Wallbox 7.4 kW Type 2)
- 1 x Mounting Plate
- 1 x Charging Cable (5 meters, integrated)
- 3 x Flat-head Screws
- 3 x Expansion Anchors
- 3 x Round-head Self-tapping Screws
- 3 x Round-head Screws
- 1 x User Manual (this document)

## 4. PRODUCT FEATURES

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The Evjuicion Wallbox 7.4 kW Type 2 EV Charger offers a range of features designed for convenience and efficiency:

- **Fast Charging:** Delivers up to 7.4 kW power, significantly reducing charging times compared to standard chargers.
- **Adjustable Current:** Selectable current settings (6A, 8A, 10A, 13A, 16A, 32A) to optimize charging based on vehicle and grid capacity.
- **Timed Charging:** Program charging start times up to 12 hours in advance to take advantage of off-peak electricity rates.
- **2.8-inch LED Display:** Provides real-time information on current, voltage, charging status, temperature, and more.
- **RFID Access:** Secure charging activation using RFID cards, preventing unauthorized use.
- **Durable Design:** IP65 rated for weather resistance, suitable for both indoor and outdoor installation, operating in temperatures from -20°C to +50°C.
- **Integrated Cable Management:** Built-in cable holder for neat and organized storage of the 5-meter charging cable.
- **Broad Compatibility:** Compatible with 99% of EV and PHEV models adhering to the IEC 62196-2 standard (Type 2 connector).
- **Multiple Protections:** Equipped with 8 safety protections including overcharge, thermal, leakage, high/low voltage, and lightning protection.

# Courant Intelligent 6A-32A & Charge Différée 0-12H



## Ⓐ Courant Réglable

6A  
8A  
10A  
13A  
16A  
32A



## 🕒 Minuteur De Charge

0H  
|  
12H

Démarrage  
Différé

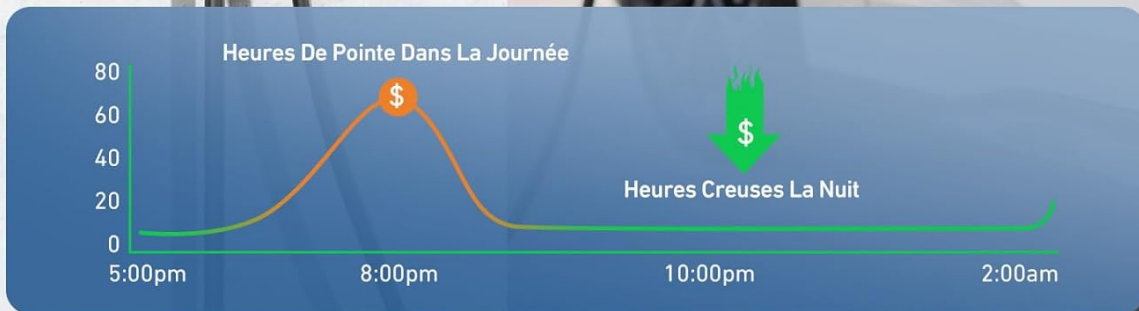


Figure 3: The charger features intelligent current adjustment and delayed charging options, allowing users to optimize charging schedules for cost savings during off-peak hours.

# Confiance Par Tous Les Temps



**IP65**  
Étanche



**-20°C**  
Résistant Au Froid



**IP65**  
Antipoussière



**+50°C**  
Résistant À La Chaleur



Figure 4: Designed for all-weather reliability, the Evjuicion Wallbox is IP65 rated for water and dust resistance, and can withstand extreme temperatures from -20°C to +50°C.

# Largement Compatible avec les EV Et PHEV

VE Ou Hybride – Recharge Sans Tracas



Figure 5: The charger offers wide compatibility with most EV and PHEV models, supporting Type 2 and CCS2 standards, ensuring hassle-free charging for a broad range of vehicles.

## 5. SETUP AND INSTALLATION

The Evjuicion Wallbox can be installed on a wall or a dedicated charging column. Professional installation by a qualified electrician is highly recommended to ensure compliance with electrical codes and safety standards.

### 5.1 Installation Steps (Wall Mount Example)

- 1. Prepare the Installation Site:** Choose a suitable location near your parking spot, ensuring it is protected from direct impact and has access to the main electrical supply.
- 2. Disconnect Power:** Before starting any electrical work, ensure the main power supply to the installation area is turned off at the circuit breaker.
- 3. Mounting Plate Installation:**
  - Use the included mounting plate as a template to mark the drilling points on the wall.
  - Drill holes at the marked positions. Insert the expansion anchors into the drilled holes.

- Secure the mounting plate to the wall using the flat-head screws.

#### 4. **Electrical Connection:**

- Remove the back cover of the charger unit.
- Connect the AC power supply wires to the designated terminals inside the charger. Ensure correct polarity (Live, Neutral, Ground).
- Secure all wiring connections firmly.
- Reattach the back cover.

5. **Attach Charger Unit:** Carefully align the charger unit with the mounted plate and secure it using the remaining screws (round-head self-tapping and round-head screws).

6. **Final Checks:** Double-check all connections and ensure the unit is securely mounted.

7. **Restore Power:** Turn on the main power supply at the circuit breaker. The charger's LED display should illuminate.

*Note: For column installation, follow similar steps, adapting to the specific column mounting hardware.*

## 6. OPERATING INSTRUCTIONS

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### 6.1 Understanding the LED Display and Indicators

# Grand écran 2,8" & Indicateur LED

Suivi En Temps Réel De L'État De Charge



Figure 6: The 2.8-inch LED display provides real-time monitoring of charging parameters and status indicators. A solid blue light indicates standby or charge completion, while a flashing green light signifies active charging.

The 2.8-inch LED display shows critical charging information. Familiarize yourself with the following indicators:

- **Current (A):** Displays the charging current in Amperes.
- **Voltage (V):** Shows the current voltage.
- **Power (kW):** Indicates the charging power in kilowatts.
- **Temperature (°C):** Displays the internal temperature of the charger.
- **Charging Status:** Icons indicate if charging is active, paused, or complete.
- **Scheduled Charging:** Indicates if a timed charging session is set.
- **LED Indicator Light:**
  - **Solid Blue:** Charger is in standby mode or charging is complete.
  - **Flashing Green:** Charger is actively charging the vehicle.
  - **Red:** Indicates an error or fault. Refer to the Troubleshooting section.

## 6.2 Starting a Charge Session

1. **Connect the Vehicle:** Plug the Type 2 connector firmly into your vehicle's charging port. Ensure a secure connection.
2. **Activate with RFID Card:** Hold your RFID card over the designated RFID reader area on the charger. The charger will beep, and the LED display will show "RFID OK" or similar confirmation. Charging will begin automatically.
3. **Monitor Charging:** Observe the LED display for real-time charging data and the flashing green indicator light.



Figure 7: The 5-meter charging cable provides flexibility, and charging is securely activated using an RFID card to prevent unauthorized use.

### 6.3 Adjusting Charging Current

You can adjust the charging current (Amperage) to suit your needs or vehicle's requirements. This can help prolong battery life or manage grid load.

1. Before or during a charging session, press the "A" button (Amperage adjustment) on the charger's control panel.
2. Each press will cycle through the available current settings: 6A, 8A, 10A, 13A, 16A, 32A.
3. Select your desired current. The display will update to reflect the new setting.

## 6.4 Setting Timed Charging

To schedule a delayed start for your charging session (e.g., for off-peak hours):

1. Connect the charging cable to your vehicle.
2. Press the "Clock" button (Timed Charging) on the charger's control panel.
3. Each press will increase the delay time in 1-hour increments, from 0 to 12 hours.
4. Once the desired delay is set, the charger will wait for that duration before automatically starting the charging session.
5. You can still use the RFID card to override the timer and start charging immediately if needed.

## 6.5 Stopping a Charge Session

1. **Via Vehicle:** Most EVs allow you to stop charging from within the vehicle's infotainment system or app.
2. **Via Charger:** If your vehicle does not release the cable automatically, you may need to use the RFID card again to stop the session and unlock the connector.
3. **Disconnect:** Once charging has stopped and the cable is unlocked, safely disconnect the Type 2 connector from your vehicle.
4. **Store Cable:** Return the charging cable to its integrated storage position on the charger.

## 7. MAINTENANCE

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

- **Cleaning:**
  - Ensure the charger is powered off before cleaning.
  - Wipe the exterior of the charger with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals.
  - Keep the charging connector free from dust, dirt, and moisture.
- **Cable Inspection:**
  - Periodically inspect the charging cable and connector for any signs of damage, cuts, fraying, or discoloration.
  - If any damage is found, discontinue use immediately and contact customer support.
- **Cable Storage:** Always store the charging cable neatly using the integrated cable management system when not in use to prevent damage and tripping hazards.

# Rangement Propre Du Câble



Propre



Organisé



Pratique



Figure 8: The integrated cable management system ensures the charging cable is stored cleanly, organized, and practically, preventing tangles and maintaining a tidy charging area.

## 8. TROUBLESHOOTING

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If you encounter issues with your Evjuicion Wallbox, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Charger does not power on / LED display is off.	No power supply; circuit breaker tripped.	Check the main power supply and circuit breaker. Ensure the charger is correctly wired and connected to power.
Charging does not start after connecting the vehicle and using RFID.	RFID card not recognized; vehicle not ready to charge; cable not fully inserted; charger error.	<ul style="list-style-type: none"> <li>• Ensure the RFID card is correctly scanned.</li> <li>• Check your vehicle's dashboard for charging status or errors.</li> <li>• Ensure the charging cable is fully and securely inserted into both the charger and the vehicle.</li> <li>• Try restarting the charger by cycling its power (turn off at breaker, wait 30 seconds, turn on).</li> </ul>
Red indicator light is on.	Internal fault or error.	Disconnect the vehicle, turn off the charger's power at the circuit breaker for a few minutes, then restore power. If the error persists, contact customer support.
Charging stops unexpectedly.	Vehicle battery full; power interruption; charger fault; vehicle fault.	<ul style="list-style-type: none"> <li>• Check vehicle's battery level.</li> <li>• Verify power supply to the charger.</li> <li>• Check for any error messages on the charger's display or vehicle's dashboard.</li> <li>• Restart the charging session.</li> </ul>
RFID card lost.	Lost access to charger activation.	Contact Evjuicion customer service for assistance with replacement or alternative activation methods.

If the problem persists after attempting these solutions, please contact Evjuicion customer support for further assistance.

## 9. SPECIFICATIONS

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Parameter	Value
Model	ZAU207C-CS
Rated Power	7.4 kW
Output Current	32A (max) (Adjustable: 6A/8A/10A/13A/16A/32A)
Timed Charging	0 – 12 hours
Cable Length	5 meters
Protection Rating	IP65
Operating Temperature	-20°C to +50°C
Dimensions (Package)	38 x 32 x 11 cm
Weight	4.5 Kilograms
Manufacturer	Evjuicion

## 10. WARRANTY & SUPPORT

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### Warranty Information:

Evjuicion products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Evjuicion website. Keep your proof of purchase for warranty claims.

### Customer Support:

If you have any questions, require technical assistance, or need to report a problem with your Evjuicion Wallbox, please contact our customer support team. Contact details can typically be found on the product packaging, the official Evjuicion website, or through your retailer.

When contacting support, please have your product model number (ZAU207C-CS) and purchase date available.