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GUWIEYG TYPE2 charger-B

GUWIEYG 3.5kW/16A Type 2 Portable Electric Vehicle Charger (6M) User Manual

Model: TYPE2 charger-B

1. Introduction

Thank you for choosing the GUWIEYG 3.5kW/16A Type 2 Portable Electric Vehicle Charger. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your charger. Please read this manual thoroughly before use and retain it for future reference.

Safety Information

Always adhere to local electrical codes and safety regulations. Ensure the charging environment is dry and well-ventilated. Do not use the charger if it is damaged or if the cable is frayed. Keep children and pets away from the charging area. For detailed safety features, refer to the 'Safety and Durability' section.

2. Product Overview

The GUWIEYG 3.5kW/16A Type 2 Portable EV Charger is designed for convenient and reliable charging of electric vehicles and Plug-in Hybrid Electric Vehicles (PHEV) compatible with the Type 2 (IEC 62196-2) standard. It features adjustable current settings, a digital display, and robust safety protections.

Key Features:

- **Fast Charging:** Adjustable current options (8A / 10A / 13A / 16A) for up to 3.5 kW power.
- **Type 2 EV Compatibility:** Suitable for all Type 2 (IEC 62196-2) compliant electric vehicles.
- **Digital Display:** Real-time charging data, current adjustment, and delayed charging timer (up to 6 hours).
- **Safe and Durable:** TÜV tested, IP66 waterproof rating, operating temperature range of -30°C to 50°C.
- **Portable Design:** Lightweight and durable with an included carrying case for travel and emergency use.
- **6-Meter Cable:** Provides ample length for flexible parking and charging.

Package Contents:

Verify that all items are present in the package:

- GUWIEYG 3.5kW/16A Type 2 Portable EV Charger
- Wall Mount Bracket

- Mounting Screws
- User Manual (this document)
- Carrying Case



Figure 2.1: Included Accessories: Charger, Wall Mount, Screws, Manual, and Carrying Case. The image shows the charger unit, a wall mount, screws, a user manual, and a branded carrying case, all neatly arranged.

3. Setup and Installation

Wall-Mounted Installation (Optional):

For a permanent charging station at home, you can mount the charger using the provided bracket and screws.

1. Choose a suitable location near a power outlet, ensuring it is protected from direct sunlight and heavy rain (though the unit is IP66 rated, protection is always recommended for longevity).
2. Use the wall mount bracket as a template to mark drilling points on the wall.
3. Drill holes and insert appropriate wall anchors (if necessary, depending on wall material).
4. Secure the wall mount bracket to the wall using the provided screws.
5. Attach the charger unit to the mounted bracket.



Figure 3.1: The charger can be wall-mounted for home use or stored in its carrying case for portable use. The image shows the charger mounted on a wall next to an EV, and a person placing the charger in its carrying case into a car trunk.

Initial Connection:

Before connecting to your vehicle, ensure the power outlet is compatible with the charger's specifications (AC 220-240V).

1. Connect the charger's power plug (Schuko standard) to a grounded wall outlet. The digital display should illuminate.
2. The charger is now ready for use.

4. Operating Instructions

Connecting to Your Vehicle:

1. Ensure the charger is plugged into a power source.
2. Open the charging port cover on your electric vehicle.
3. Insert the Type 2 connector firmly into your vehicle's charging port. You should hear a click, indicating a secure connection.
4. The charger's digital display will show charging status and real-time data.



Figure 4.1: The GUWIEYG 3.5kW EV Charger with its 16A, 6M cable connected to an electric car for charging. The image shows the charger unit mounted on a wall, with the cable extending to a black electric car's charging port.

Adjusting Charging Current:

The charger allows you to select the charging current (8A, 10A, 13A, 16A) to suit your power supply and vehicle's needs.

1. Before connecting to the vehicle, or if charging has not yet started, press the 'A' button on the charger unit.
2. Each press will cycle through the available current options on the digital display.
3. Select the desired current. The charger will begin charging at this rate once connected to the vehicle.



Figure 4.2: The digital LED display showing options for current adjustment (8A, 10A, 13A, 16A) and time delay (1H to 6H). The image highlights the charger's screen and the buttons for adjusting current and setting a charging delay.

Setting a Delayed Charge:

To take advantage of off-peak electricity rates, you can set a delay for the charging process to start.

1. Before connecting to the vehicle, or if charging has not yet started, press the 'L' (Delay) button on the charger unit.
2. Each press will cycle through delay options (1H, 2H, ..., 6H).
3. Select the desired delay. The charger will start charging after the set delay period.

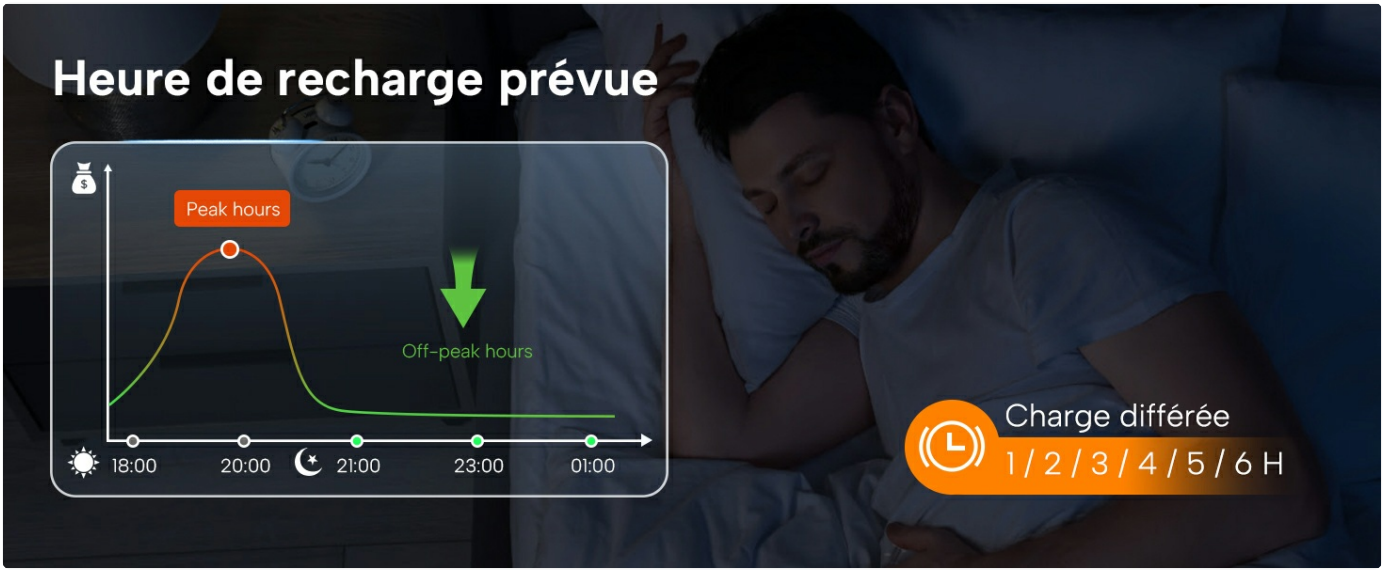


Figure 4.3: Illustration of the scheduled charging feature, showing how to set a delay to charge during off-peak hours. The image displays a graph of energy consumption over time, indicating peak and off-peak hours, with a person sleeping, suggesting overnight charging.

Ending a Charge:

1. Disconnect the Type 2 connector from your vehicle's charging port.
2. Unplug the charger from the wall outlet.
3. Store the cable and charger in the carrying case or on the wall mount.

5. Maintenance

Cleaning:

Regular cleaning helps maintain the charger's performance and appearance.

- Ensure the charger is unplugged from both the power source and the vehicle before cleaning.
- Wipe the exterior of the charger and cable with a soft, damp cloth.
- Do not use harsh chemicals, abrasive cleaners, or solvents.
- Ensure all connections are dry before reconnecting.

Storage:

When not in use, store the charger properly to prevent damage.

- Coil the cable neatly without kinks or sharp bends.
- Store the charger in its carrying case in a cool, dry place, away from direct sunlight and extreme temperatures.
- If wall-mounted, ensure the cable is properly coiled and secured.



Figure 5.1: The charger's durable construction is highlighted, featuring a Type 2 connector tested for over 10,000 plug/unplug cycles and a cable tested for over 10,000 bends, along with UL94 V-0 fire resistance. The image shows close-ups of the connector and cable cross-section, emphasizing their robustness.

6. Troubleshooting

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

Problem	Possible Cause	Solution
Charger display is off.	No power supply.	Ensure the charger is securely plugged into a live power outlet. Check the circuit breaker.

Problem	Possible Cause	Solution
Charging does not start.	• Vehicle not ready for charging. • Connector not fully inserted. • Delayed charge timer active. • Current setting too high for circuit.	• Check vehicle's charging settings. • Re-insert the Type 2 connector firmly. • Check the display for an active delay timer; wait for it to expire or cancel it. • Reduce the charging current using the 'A' button.
Charging stops unexpectedly.	• Power interruption. • Vehicle battery full. • Over-temperature protection activated. • Internal fault.	• Check power supply. • Verify vehicle's battery status. • Allow charger to cool down in a well-ventilated area. • Unplug and re-plug the charger. If the issue persists, contact support.
Error message on display.	Specific fault detected.	Note the error code and refer to the safety protection features. Try resetting the charger by unplugging and re-plugging. If the error persists, contact customer support.

Safety Protection Features:

The charger is equipped with multiple safety mechanisms:

- Over Current Protection
- Residual Current Protection
- Ground Protection
- Over/Under Voltage Protection
- Over/Under Frequency Protection
- Over/Under Temperature Protection

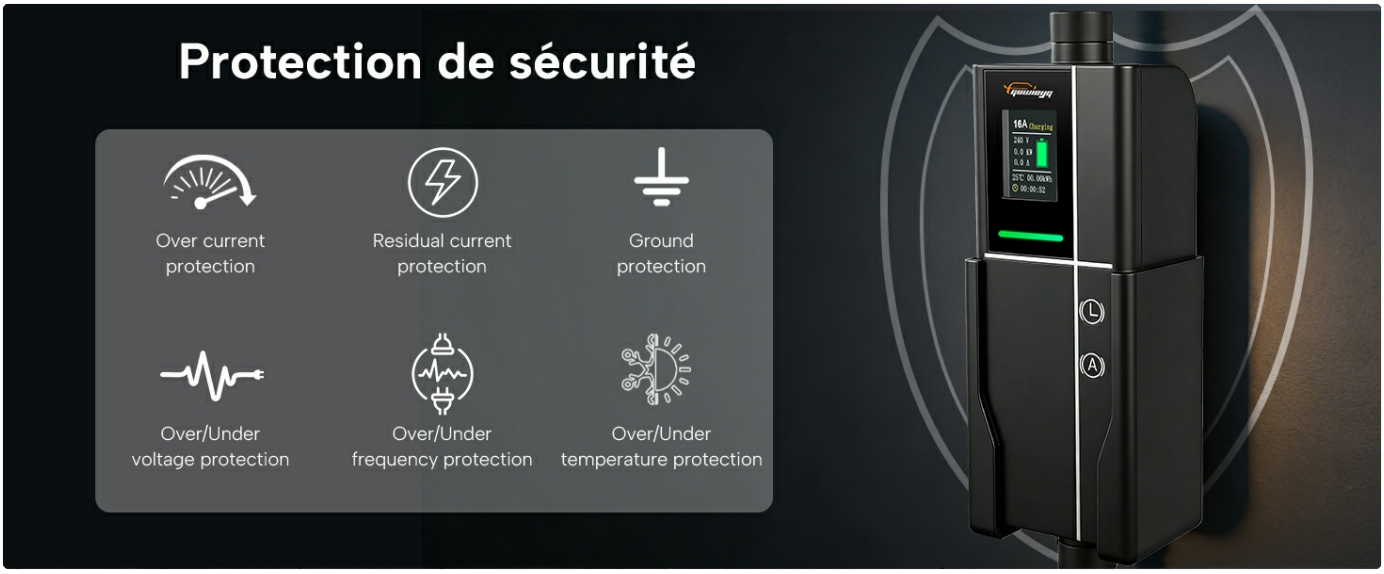


Figure 6.1: Visual representation of the comprehensive safety protections integrated into the charger, including icons for over current, residual current, ground, over/under voltage, over/under frequency, and over/under temperature protection. The image shows the charger unit with these safety features listed around it.

7. Specifications

Feature	Specification
Brand	GUWIEYG
Model Number	TYPE2 charger-B
Rated Power	3.5 kW
Rated Current	16 A
Adjustable Amperage	8A / 10A / 13A / 16A
Input Voltage	AC 220-240 V
Connector Type (Vehicle Side)	Type 2 (IEC 62196-2)
Connector Type (Power Outlet)	Schuko Standard
Cable Length	6 meters
IP Rating	IP66 (Charger Unit), IP54 (Type 2 Connector)
Operating Temperature	-30°C to 50°C
Safety Standard	TÜV Certified
Fire Resistance	UL94 V-0
Country of Origin	China



Figure 7.1: The charger's IP66 waterproof rating ensures reliable operation even in rainy conditions. The image shows the charger unit and a connected electric car being exposed to rain, with water droplets visible on the surfaces.



Figure 7.2: A diagram illustrating the 6-meter cable length, providing flexibility for parking and charging. The image shows two cars parked side-by-side, with a dashed line indicating the 6-meter reach of the charging cable from the wall-mounted unit to the car's charging port.

8. Warranty and Support

Warranty Information:

This GUWIEYG EV charger comes with a **1-year warranty** from the date of purchase. The warranty covers manufacturing defects and malfunctions 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:

For technical assistance, warranty claims, or any questions regarding your GUWIEYG EV charger, please contact our customer support team. Refer to the contact information provided with your purchase or visit the official GUWIEYG website for support details.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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