

GODIAG EV-B04-US003B

GODIAG Level 1+2 EV Charger User Manual

Model: EV-B04-US003B

Brand: GODIAG

1. INTRODUCTION

The GODIAG Level 1+2 EV Charger is a versatile and portable electric vehicle charging solution designed for J1772 compatible EVs and plug-in hybrids. This ETL Certified 16Amp charger operates on both 110V (Level 1) and 220V-240V (Level 2) power sources, offering flexible charging options with its NEMA 6-20 and NEMA 5-15 plugs. Featuring a 20ft cable, an informative LCD display, and multiple built-in safety protections, it provides a convenient and reliable charging experience for your electric vehicle.

2. WHAT'S IN THE BOX

Please verify that all the following items are included in your package:

- 1x Level 1/2 16Amp Portable EV Charger
- 1x NEMA 5-15P to NEMA 6-20R Adapter
- 1x Charger Box Holder
- 1x Cable Holder
- 1x Storage Bag
- 1x User Manual
- 1x Set of Mounting Screws



Image: All components included in the GODIAG EV Charger package, laid out clearly.

3. SETUP

The GODIAG EV Charger is designed for easy installation and flexible use, whether at home or on the go.

3.1 Power Connection

This charger supports both Level 1 (110V) and Level 2 (220V-240V) charging. Use the appropriate NEMA plug for your available outlet:

- **NEMA 5-15 Plug:** For Level 1 charging (110V, 1.76kW).
- **NEMA 6-20 Plug:** For Level 2 charging (220V or 240V, 3.84kW).

Both for **Level 1 and level 2 Charging** 120v adapter cable included



Image: Diagram showing the NEMA 5-15 plug for Level 1 (120V) and NEMA 6-20 plug for Level 2 (240V) connections.

3.2 Mounting the Charger

The charger comes with a charger box holder and cable holder, along with mounting screws, for convenient wall installation. Choose a suitable location near your EV parking spot and a compatible power outlet.



Image: The EV charger unit mounted on a wall, demonstrating a typical home charging setup.

The 20ft cable length provides flexibility for charging from various positions in your garage or driveway.

20ft long cable for flexible charging

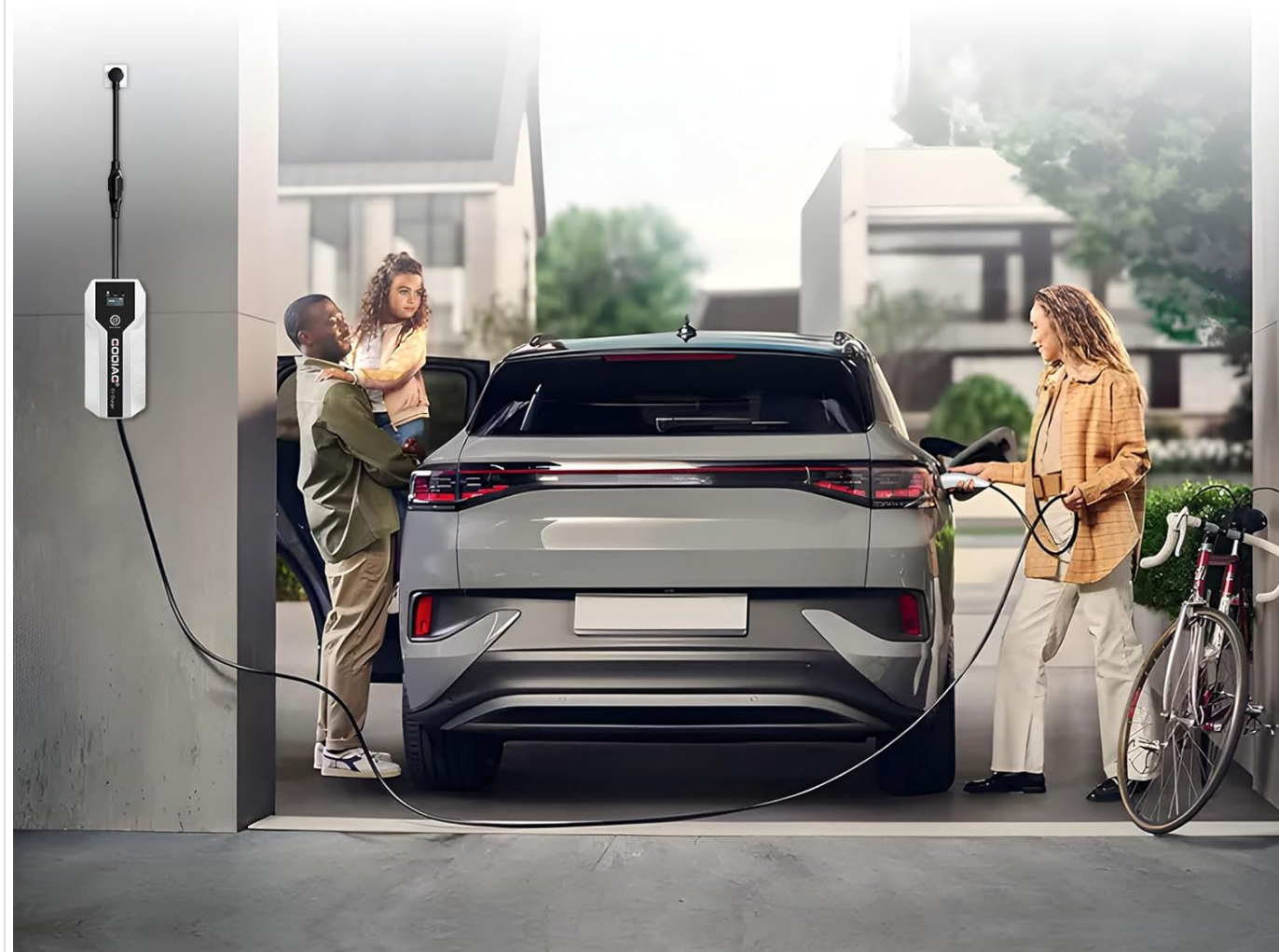


Image: An electric car being charged with the 20ft long cable, illustrating its flexible reach.

4. OPERATING INSTRUCTIONS

4.1 Connecting to Your EV

The GODIAG EV Charger is compatible with all electric vehicles and plug-in hybrids that use the J1772 standard in North America. Simply plug the J1772 connector into your vehicle's charging port to begin charging. (Note: Tesla vehicles require a separate SAE J1772 adapter, not included).



Image: A hand plugging the J1772 connector into an EV's charging port, demonstrating the ease of connection.

4.2 Understanding the LCD Display

The built-in LCD screen provides real-time information about the charging process:

- **Charging Mode:** Indicates the current charging status.
- **Charge Voltage and Current:** Displays the voltage and amperage being delivered.
- **Temperature:** Shows the operating temperature of the charger.
- **Completed kWh:** Tracks the amount of energy delivered.

- **Charge Duration:** Shows how long the vehicle has been charging.

The charger also allows for current adjustment (8A/10A/13A/16A) to suit your needs.



Image: A detailed view of the charger's LCD screen, highlighting the displayed charging parameters and the current adjustment button.

4.3 Portability

The included storage bag makes it easy to carry your GODIAG EV Charger, allowing you to charge your vehicle conveniently wherever you go.

Easy to carry on the go



Image: The GODIAC EV charger's storage bag placed in the trunk of a car, emphasizing its portability.

5. MAINTENANCE

To ensure optimal performance and longevity of your GODIAC EV Charger, follow these general maintenance guidelines:

- **Regular Cleaning:** Keep the charger unit, cable, and connectors clean and free from dust, dirt, and moisture. Use a soft, dry cloth for cleaning.
- **Cable Inspection:** Periodically inspect the charging cable for any signs of damage, cuts, or fraying. Do not use the charger if the cable is damaged.
- **Connector Care:** Ensure the J1772 connector and power plugs are free of debris before connecting. Avoid dropping or subjecting the connectors to excessive force.
- **Storage:** When not in use, store the charger in its provided storage bag in a dry, cool place, away from direct sunlight and extreme temperatures. Utilize the cable holder to keep the cable neatly coiled.
- **Environmental Protection:** While the charger is IP65 rated for dust and water resistance, avoid prolonged exposure to heavy rain or submersion in water.

6. TROUBLESHOOTING

If you encounter issues with your GODIAG EV Charger, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Charger not powering on / LCD screen is blank.	No power from the outlet; loose connection.	Ensure the power plug is fully inserted into a working outlet. Check the circuit breaker.
Vehicle not charging.	J1772 connector not fully inserted; vehicle charging settings; charger fault.	Ensure the J1772 connector is securely latched into the vehicle's port. Check your vehicle's charging settings. Observe the charger's LCD for any fault indicators.
"Fault" indicator on LCD.	Overvoltage, overcurrent, short circuit, or other protection activated.	Unplug the charger from both the vehicle and the power outlet. Wait a few minutes, then reconnect. If the fault persists, contact customer support.
Slow charging speed.	Using Level 1 instead of Level 2; current setting is too low.	Ensure you are using a NEMA 6-20 (240V) outlet for faster charging. Adjust the current setting on the charger's LCD to a higher amperage (up to 16A).

If these steps do not resolve the issue, please refer to the "Warranty & Support" section for further assistance.

7. SPECIFICATIONS

Brand	GODIAG
Model Number	EV-B04-US003B
Input Voltage	110V-240V AC
Current	16 Amp (Adjustable: 8A/10A/13A/16A)
Power Output	Level 1 (NEMA 5-15): 1.76kW; Level 2 (NEMA 6-20): 3.84kW
Cable Length	20 feet
Connector Type	SAE J1772
Certifications	ETL Certified, FCC Certified (UL2594 standard)
Ingress Protection (IP) Rating	IP65 (Dust and Water Resistant)
Item Weight	8.09 pounds
Package Dimensions	13.19 x 12.95 x 6.85 inches

8. SAFETY INFORMATION

Your GODIAG EV Charger is designed with multiple safety features to ensure secure operation. It is ETL and FCC certified, adhering to UL2594 standards.

Built-in Intelligent Protection Functions:

- Overvoltage Protection
- Overcurrent Protection

- Short Circuit Protection
- Undervoltage Protection
- Overcharge Protection
- Earth Leakage Protection (CCID 20)
- Over Temperature Protection (Automatically stops charging at 85°C)
- Lightning Protection
- Ground Protection
- Automatic Power Off



Image: An internal view diagram of the charger highlighting its intelligent temperature control and various protection mechanisms.

For detailed safety information, please refer to the dedicated "Safety Information (PDF)" document provided with your product or available online: [Safety Information PDF](#).

9. WARRANTY & SUPPORT

The GODIAG EV Charger comes with a **2-year warranty** from the date of purchase. If you experience any issues or have questions regarding your product, please do not hesitate to contact GODIAG customer support. We are committed to providing solutions and ensuring your satisfaction.

You can visit the official GODIAG store for more information and support: [GODIAG Store](#).