

## keisnoaja CCS2 to GBT-XGDX

# keisnoaja CCS2 to GBT EV Charger Adapter User Manual

Model: CCS2 to GBT-XGDX

## 1. INTRODUCTION

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The keisnoaja CCS2 to GBT EV Charger Adapter is designed to facilitate direct current (DC) fast charging for electric vehicles (EVs) equipped with a GB/T charging port, using a charging station that provides a CCS2 connector. This adapter ensures compatibility and efficient power transfer between different charging standards.

Key features include:

- **Fast Charging:** Supports a maximum continuous current of 250A DC and a wide voltage range up to 1000V DC, enabling quick and efficient charging.
- **Safety Protection:** Features a durable, robust construction with an IP55 enclosure rating, providing protection against dust and water ingress.
- **Security Anti-Drop Lock:** An integrated lock mechanism secures the adapter to the charger plug, preventing accidental disconnections during charging.
- **Durable Construction:** Engineered for long-lasting performance and reliability in various charging environments.
- **Wide Application Range:** Compatible with a broad range of electric vehicle types and charging needs.

## 2. SAFETY INFORMATION

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Please read and understand all safety instructions before using the adapter. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not use the adapter if it appears damaged or has exposed wiring.
- Ensure the adapter is fully inserted and locked into both the vehicle's charging port and the charging station's cable before initiating charging.
- Do not attempt to disassemble or modify the adapter.
- Keep the adapter away from children.
- Avoid exposing the adapter to extreme temperatures or direct sunlight for prolonged periods.
- Always disconnect the adapter from the vehicle and charging station after charging is complete.

### 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- 1 x CCS2 to GB/T EV Charger Adapter
- User Manual (this document)



Figure 3.1: The keisnoaja CCS2 to GBT EV Charger Adapter shown in its packaging, alongside the user manual.

### 4. SETUP

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The keisnoaja CCS2 to GBT EV Charger Adapter is designed for straightforward use. No complex installation is required.

#### 4.1 Adapter Overview



Figure 4.1: Overview of the keisnoaja CCS2 to GB/T EV Charger Adapter, showing the CCS2 input and GB/T output connectors from multiple angles.

## 4.2 Connecting the Adapter

1. Ensure your electric vehicle is parked safely and turned off.
2. Locate the CCS2 charging cable from the DC fast charging station.
3. Connect the CCS2 charging cable to the CCS2 input port of the keisnoaja adapter. Ensure it clicks securely into place.
4. Locate your vehicle's GB/T charging port.
5. Connect the GB/T output port of the keisnoaja adapter to your vehicle's GB/T charging port. Ensure it is fully inserted and the anti-drop lock mechanism engages.



Figure 4.2: The keisnoaja CCS2 to GBT EV Charger Adapter shown connected to an electric vehicle's charging port, illustrating the connection process.

## 5. OPERATING INSTRUCTIONS

Once the adapter is securely connected to both the charging station and your vehicle, you can initiate the charging process.

1. After connecting the adapter as described in Section 4.2, follow the instructions on the charging station's display to start the DC fast charging session.
2. Monitor your vehicle's dashboard or infotainment system to confirm that charging has begun and to track the charging status. The system will display information such as current charge level, estimated time remaining, and range.
3. Do not disconnect the adapter or charging cable while charging is in progress.
4. Once your vehicle has reached the desired charge level or the charging session is complete, follow the charging station's instructions to stop charging.

5. Carefully disconnect the adapter from your vehicle first, then disconnect the CCS2 charging cable from the adapter.

## 5.1 Operational Demonstration

Your browser does not support the video tag.

Video 5.1: A demonstration of the keisnoaja CCS2 to GBT EV Charger Adapter in use, showing the connection to a charging station and an electric vehicle, and the vehicle's display indicating active DC fast charging.

## 6. MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your keisnoaja CCS2 to GBT EV Charger Adapter.

- **Cleaning:** Wipe the adapter with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and ensure the adapter is completely dry before storage or next use. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Inspection:** Periodically inspect the adapter for any signs of damage, such as cracks, frayed cables, or corrosion on the connectors. If any damage is found, discontinue use immediately and contact customer support.
- **Environmental Protection:** The adapter has an IP55 protection level, meaning it is protected against dust ingress and low-pressure water jets from any direction. While it offers protection, avoid submerging it in water or exposing it to heavy rain for extended periods.



Figure 6.1: The keisnoaja CCS2 to GBT EV Charger Adapter shown with water droplets, illustrating its IP55 rating for dust and water resistance.

## 7. TROUBLESHOOTING

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If you encounter issues while using the keisnoaja CCS2 to GBT EV Charger Adapter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Charging does not start.	<ul style="list-style-type: none"> <li>• Adapter not fully connected.</li> <li>• Charging station error.</li> <li>• Vehicle charging port issue.</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure both ends of the adapter are securely connected and locked.</li> <li>• Restart the charging session at the station.</li> <li>• Check your vehicle's manual for charging port troubleshooting.</li> </ul>
Slow charging speed.	<ul style="list-style-type: none"> <li>• Charging station limitation.</li> <li>• Vehicle's charging management system.</li> </ul>	<ul style="list-style-type: none"> <li>• Verify the charging station's maximum output.</li> <li>• Consult your vehicle's manual regarding charging speed settings.</li> </ul>
Adapter feels warm during charging.	Normal operation for high-power DC charging.	This is generally normal. If it becomes excessively hot or emits smoke/odor, disconnect immediately and contact support.
Adapter cannot be disconnected.	Anti-drop lock engaged or vehicle lock.	Ensure the charging session is fully terminated. Check if your vehicle has a charging port lock that needs to be disengaged. Gently press the release button on the adapter.

If the problem persists after attempting these solutions, please contact keisnoaja customer support.

## 8. SPECIFICATIONS

Technical specifications for the keisnoaja CCS2 to GBT EV Charger Adapter:

Attribute	Specification
Model Number	CCS2 to GBT-XGDX
Connector Type	CCS2 Input, GB/T Output (DC)
Maximum Current	250A DC
Maximum Power	250KW (250,000 watts)
Voltage Range	Up to 1000V DC
Protection Level	IP55
Material	Plastic
Weight	2.3 kg
Storage Temperature	-40°C to +85°C
Compatible Devices	Electric Vehicles (CCS2, GB/T)

## 9. WARRANTY AND SUPPORT

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For warranty information, technical support, or any inquiries regarding your keisnoaja CCS2 to GBT EV Charger Adapter, please contact the manufacturer or your point of purchase. Keep your purchase receipt as proof of purchase.

Manufacturer: keisnoaja