INCLUDES IMPORTANT SAFETY INFORMATION.

READ THOROUGHLY BEFORE USE.

LENZ NACS to CCS1 ADAPTER

User Manual & Quick Start Guide

Model No. ADPT-13101

v11-2026-1



LENZ NACS to CCS1 ADAPTER

The LENZ NACS to CCS1 Adapter (Model ADPT-13101) is an electric vehicle charging adapter that connects a NACS DC fast charging connector, such as a Tesla Supercharger connector, to an electric vehicle with a CCS1 charging port. It is intended for DC fast charging only, at stations where your vehicle's manufacturer has been granted access.

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! VERIFY YOUR VEHICLE HAS ACCESS TO TESLA NACS SUPERCHARGERS !

This adapter is **ONLY** compatible with electric vehicles that have access to Tesla NACS Superchargers. Verify with your vehicle manufacturer that the year, make, and model of your vehicle is compatible with Tesla NACS Superchargers. List of vehicle manufacturers with access is available at Tesla's website (scan QR code).

You can also check your vehicle with the fit checker on the product page at www.lenzcharging.com.

1. Safety Instructions



IMPORTANT SAFETY INSTRUCTIONS — SAVE THESE INSTRUCTIONS

This manual contains important instructions for Model ADPT-13101 that must be followed during use and maintenance of the adapter. Read all instructions before use. Failure to follow them can result in fire, electric shock, serious injury, or death.

Intended Use

- The LENZ NACS to CCS1 Adapter is designed only for DC fast charging of electric vehicles with a CCS1 charging port that have been granted access to Tesla NACS Superchargers. **DO NOT** use it with any other vehicle or device, or for any other purpose.
- Use the adapter with DC fast chargers only. **NEVER** connect it to an AC charger.
- Use the adapter only with vehicles that do not require ventilation while charging.
- **DO NOT** use the adapter with any charger or vehicle that can exceed its rating of 1000 V DC, 500 A. Some vehicle and charger combinations can switch between voltages or briefly draw more current than normal. Using the adapter in these situations can cause fire, burns, or exposure to high voltage.
- The adapter is not designed to switch the current on or off. As stated in its certification: “The device is not suitable for interrupting the flow of current by connecting or disconnecting the mating devices.”

Before Each Use

- Inspect the adapter, the charging cable and connector, and your vehicle’s charging port. **DO NOT** use the adapter if any of them has a cracked or broken housing, damaged insulation, frayed or broken parts, or exposed wiring or internal parts.
- Make sure both ends of the adapter and your vehicle’s charging port are clean and free of dirt and debris. Foreign material can cause charging errors or overheating.
- **DO NOT** use the adapter if it is wet, corroded, or damaged.
- Use the adapter only when the ambient temperature is between -22°F and 122°F (-30°C to 50°C).

While Charging

- **NEVER** disconnect the adapter while your vehicle is charging. End the charging session first.
- Place the charging cable so that it does not block walkways or other vehicles.
- The adapter may affect implanted medical devices such as pacemakers or defibrillators. Consult your physician or the device manufacturer before use.
- If your vehicle or the charging station displays a fault or warning, stop charging immediately and contact LENZ Support.

Adapters, Extensions and Accessories

- **DO NOT** use extension cords or cable extenders with this adapter. They can cause overheating, fire, or malfunction.
- **DO NOT** use a NACS AC adapter at a DC fast charger. Incompatible equipment can damage your vehicle or property.

- Only use NACS DC adapters certified to UL 2252.

Handling, Cleaning and Storage

- **DO NOT** put your fingers, tools, wires, needles, or any other object into the adapter, and do not touch its terminals with metal objects.
- **DO NOT** drop, crush, bend, step on, or strike the adapter. When it is attached to a charging cable, do not pull, twist, or drag the cable.
- Keep the adapter dry. **NEVER** immerse it in water or snow.
- Clean the adapter only with a dry cloth or a cloth lightly dampened with water. **DO NOT** use cleaning solvents.
- **DO NOT** open, disassemble, repair, or modify the adapter. Contact LENZ Support for help.
- Store the adapter in a cool, dry place within -40°F to 185°F (-40°C to 85°C).

2. Product Overview & Specifications



Model Number	ADPT-13101
Certified Product	Electric Vehicle Charging Adapter
Electrical Rating	1000 V DC, 500 A max. (pilot contacts rated 2 A, 30 V DC)
Max. Power	Up to 500 kW (500 A x 1000 V DC). Actual charging speed depends on your vehicle and the Supercharger.
Operating Temperature	-22°F to 122°F (-30°C to 50°C)
Storage Temperature	-40°F to 185°F (-40°C to 85°C)
Weight	1.63 lbs
Product Dimensions	6 x 4.75 x 2.8 in
Housing Material	PC/Siloxane
Enclosure Rating	Mated (connected to charger and vehicle): Type 3R. Unmated: IP67
Station Side (Input)	NACS receptacle (SAE J3400)
Vehicle Side (Output)	CCS1 connector (SAE J1772)
Charging Port	NACS (Female) to CCS1 (Male)
Certification	SGS Listed to ANSI/CAN/UL 2252 (Certificate No. SGSNA/25/GZ/00379X)
Warranty	2-Year Limited Warranty

What’s in the Box

- 1 x LENZ NACS to CCS1 Adapter (ADPT-13101)
- 1 x Protective travel case

3. How to Use

Follow these steps to safely charge your vehicle using the LENZ NACS to CCS1 Adapter:

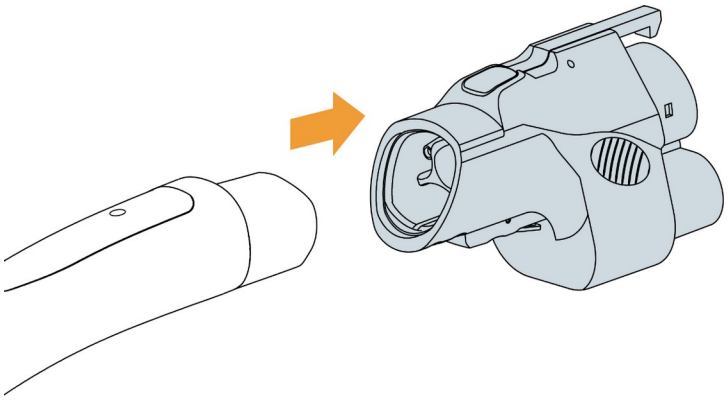
Inspect the Adapter: Before each use, visually inspect the NACS to CCS1 Adapter for any signs of wear, damage, or the presence of foreign material. **DO NOT** use the adapter if it appears damaged or contaminated.

Find a Supercharger and Start the Session: Use the Tesla app or your vehicle manufacturer's app to find a compatible Supercharger and to start and pay for your charging session.

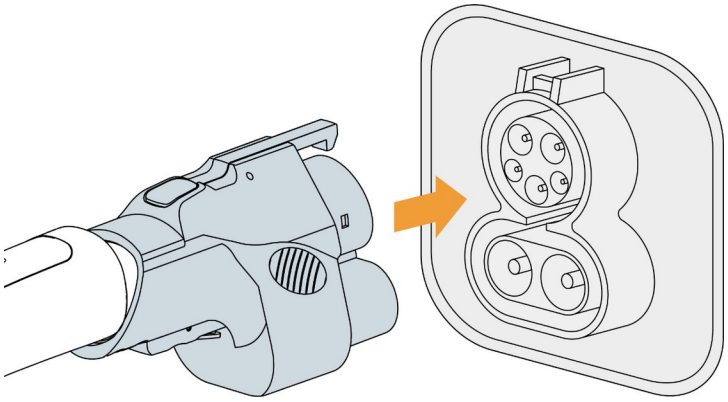
Use the adapter only at Supercharger sites that the Tesla app or Tesla's map shows as available to your vehicle.

CONNECTING:

Step 1: Insert Supercharger connector to NACS end of adapter



Step 2: Insert CCS1 end of adapter into your vehicle's charging port



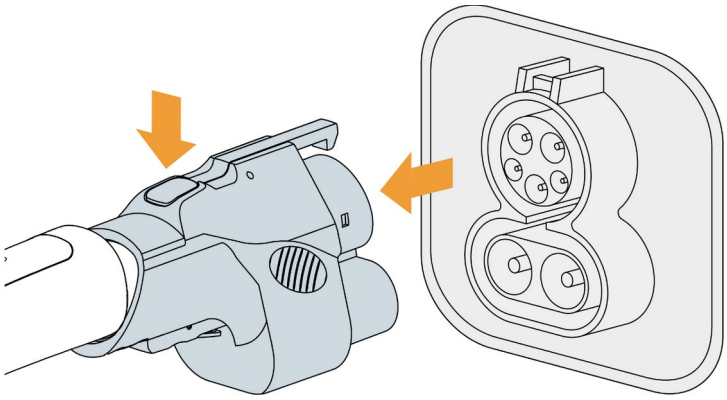
DISCONNECTING:

WHEN DISCONNECTING, ALWAYS disconnect the adapter from your vehicle with the charging connector connected to the adapter. Grasp both the adapter and the charger handle together, pull straight out.

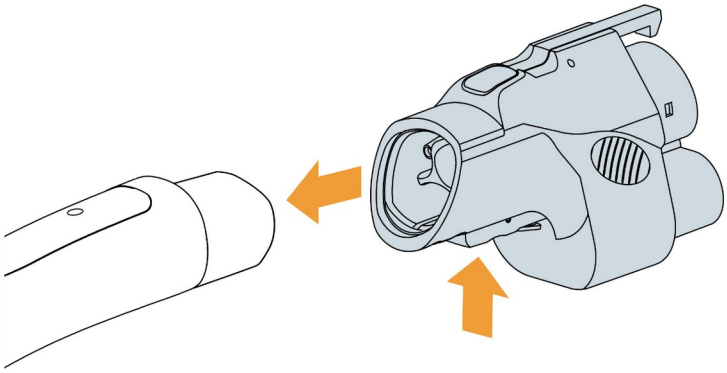
DO NOT release the unlock button on the charger handle when disconnecting from vehicle receptacle.

IMPORTANT: Only connect and disconnect the adapter when the vehicle is parked, the charging session has ended, and the charging station confirms a complete stop in power delivery. Improper disconnection during active charging may lead to damage or safety hazards.

Step 1: Disengage lock and pull adapter from charging receptacle



Step 2: Depress release button to disengage Supercharger connector from adapter



4. Maintenance

To ensure optimal performance and longevity of your LENZ NACS to CCS1 Adapter, follow these routine maintenance guidelines:

- Periodically inspect the adapter for visible signs of damage, including cracks, exposed wiring, or corrosion. If any damage is observed, discontinue use immediately and contact LENZ Charging Support.
- **Inspect Before Each Use:** Visually inspect the adapter and its connectors before each charging session. Do not use the adapter if you notice cracks, wear, corrosion, or the presence of foreign material.
- **Keep Clean and Dry:** Wipe the adapter with a dry cloth or a cloth slightly dampened with water. Do not use chemical solvents, cleaning sprays, or abrasive materials. Never submerge the adapter in water or expose it to heavy moisture.
- **Store Properly:** When not in use, store the adapter in a cool, dry place away from direct sunlight, excessive heat, or humidity. Use the protective travel case provided to prevent physical damage during transport or storage.
- **Avoid Mechanical Stress:** Do not drop the adapter or subject it to impact. Avoid pulling, twisting, or stepping on the cable or connector ends. Handle with care at all times.
- **Protect from Contaminants:** Keep the adapter free from dust, dirt, oil, and other contaminants that may interfere with proper electrical contact.
- **DO NOT Modify:** The adapter is not user-serviceable. Do not attempt to disassemble, repair, or alter the adapter. Any modification will void the warranty and may pose a safety risk.

If the adapter shows signs of failure or improper operation, discontinue use immediately and contact LENZ Charging Support for assistance.

5. Troubleshooting / FAQ

Q: My vehicle is not charging after connecting the adapter. What should I do?

- A: First, ensure that both the charging station and vehicle are powered on. Check that the adapter is securely connected on both ends. Remove and reconnect if necessary. If the issue persists, inspect the adapter and charge port for dirt or damage. If all appears normal, try a different charging station. Contact LENZ Support if the problem continues.

Q: How do I know if my vehicle is compatible with the NACS to CCS1 Adapter?

- A: This adapter is designed for vehicles with a CCS1 charging port that have access to Tesla NACS Superchargers. Verify with your vehicle manufacturer that the year, make, and model of your vehicle is compatible with Tesla NACS Superchargers, or use the fit checker on the product page at www.lenzcharging.com.

Q: Can I use this adapter with Level 1 or Level 2 AC chargers?

- A: No. This adapter is intended for use only with DC fast charging stations with a NACS connector, such as Tesla Superchargers. It should not be used with AC charging sources.

Q: The charging session starts but stops after a few minutes. Why?

- A: This could be caused by a communication issue between the station and the vehicle, a loose connection, or a fault in the charging station. Disconnect and inspect all connections. Retry the session. If the issue continues, test at another station.

Q: The adapter feels warm during use. Is that normal?

- A: A slight warmth is normal during high-power charging. However, if the adapter becomes excessively hot or emits any smell, stop use immediately and contact LENZ Support.

Q: Can the adapter be left attached to the charging station?

- A: No. Disconnect and store the adapter after each use. Leaving it connected may result in unnecessary wear or exposure to environmental damage.

Q: What should I do if the adapter has been exposed to rain or snow?

- A: Do not use the adapter if it is wet. Wipe it dry immediately and allow it to return to room temperature before use. If moisture has entered the housing or if corrosion is visible, discontinue use and contact LENZ Support.

Q: Can I use a third-party adapter or extender with this unit?

- A: No. Use only the authorized LENZ adapter as directed. Using third-party or modified accessories may result in improper performance and void the warranty.

Q: My vehicle or the charging station shows a fault. What should I do?

- A: The adapter has no indicator lights or fault codes. Faults are shown on your vehicle’s display, on the charging station, or in the app. Stop charging and, once the session has ended, disconnect and inspect the adapter and both charging ports. If the fault continues, contact LENZ Support.

6. Warranty & Support

Your LENZ NACS to CCS1 Adapter is covered by a 2-year limited warranty. For full warranty terms, visit www.lenzcharging.com.

Register your product today to stay informed on the latest and, sometimes, critical updates. And get special offers! Scan QR code to go to our registration page.

HEADQUARTERS

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DISCLAIMER

LENZ is not affiliated with Tesla Inc. The term ‘Tesla’ is a trademark of Tesla Inc., used here only for compatibility description purposes.

Tesla and vehicle manufacturers may not support third-party adapters. Check your vehicle manufacturer’s warranty terms before use.