

A2Z EV
NACS TO CCS1
TYPHOON PRO PLUG



USER MANUAL



CAUTION

Risk of Electric Shock and Fire.

Do not use this product if there is any damage to the EV cable, the vehicle connector, or the vehicle inlet.

This adapter is not intended for charging equipment operating in dynamic current control mode.

DISCLAIMER: READ BEFORE USING THE NACS TO CCS1 ADAPTER

Before using this product, please carefully read and understand the following disclaimer. Failure to do so may result in damage to your equipment, personal injury, or other adverse consequences.

Electrical Safety:

Electric vehicle charging involves electricity, which can be dangerous if mishandled. Ensure that you have a basic understanding of electrical safety and follow all relevant safety guidelines when using this adapter.

Maintenance and Inspection:

Regularly inspect the NACS to CCS1 adapter for signs of wear, damage, or loose components. Discontinue use if you notice any issues and contact the manufacturer or distributor for assistance.

Use:

Follow the usage instructions provided in this manual strictly. Incorrect usage can result in damage to your vehicle, the charging station, or the adapter itself. Any modifications to the adapter may void the warranty and pose safety hazards.

IMPORTANT :

DISCLAIMER: COMPATIBILITY WITH ELECTRIC VEHICLE BRANDS AND NACS DC CHARGERS

Important Notice:

Thank you for choosing our NACS to CCS1 adapter. Please be aware that this adapter may not be compatible with all electric vehicle (EV) brands simultaneously. Various car manufacturers have entered into agreements to access DC NACS chargers at different times, depending on their respective brand agreements and ongoing negotiations.

Compatibility Information:

1. **Brand-Specific Compatibility:** This NACS to CCS1 adapter is designed to facilitate charging for compatible EVs. However, the compatibility of this adapter with specific EV brands may vary based on individual brand agreements and access policies with NACS DC chargers.
2. **Consult Your Brand:** To determine whether this adapter is compatible with your EV model, we strongly recommend that you consult official sources such as your EV brand's social media channels, websites, authorized dealerships, or customer support. Your EV manufacturer will have the most up-to-date information regarding compatibility and any necessary firmware updates or adjustments.

Disclaimer of Liability:

The manufacturer and distributor of this NACS to CCS1 adapter disclaim any liability for any inconvenience, dissatisfaction, or incompatibility that may arise due to brand-specific agreements and access restrictions to NACS DC chargers.

COMPATIBILITY :

- This adapter is only suitable for CCS1 port equipped vehicles.
- This adapter only supports Level 3 DC charging.
- This adapter **is not** compatible with Level 1 and level 2 AC charging.
- This adapter is intended for NACS DC chargers.
- This adapter will only work on **V3** and **V4** Tesla Superchargers (min. 250kW).
- This adapter **will not** work on **V1** and **V2** Tesla Superchargers.
- This adapter **will not** work on DC chargers retrofitted with a CHAdeMO to Tesla adapter.

ADAPTER LOCKING :

This adapter features a dual level locking mechanism within the top latch.

- The first locking level raises the CCS1 side latch.



ADAPTER LOCKING :

This adapter features a dual level locking mechanism within the top latch.

- The second locking level lowers the NACS side locking pin.



ADAPTER LOCKING :

The top latch features a stop switch that will interrupt the charging process once pressed.



ALWAYS USE THE VEHICLE INFOTAINMENT, VEHICLE'S APP OR CHARGING STATION'S APP TO INTERRUPT A CHARGING SESSION.

HOW TO USE :

To start the charging process :

- Fully insert your adapter into the vehicle.
- Fully insert the NACS charging handle into the adapter.
- If your vehicle is compatible with Plug & Charge, the charging process should start by itself within a few seconds

If not :

- Initiate the charging process through the charging station's app or the vehicle's infotainment.

To stop the charging process :

- Stop the charging process through the app, the vehicle or the NACS handle stop button.
- Make sure the charging process has completely stopped.
- Unplug the NACS plug from the adapter.
- Unplug the adapter from the vehicle using the
- top latch.

SPECIFICATIONS :

Specifications :

- **Rated amperage** : 500A
- **Rated Voltage** : 100~1000VDC
- **Conductor Material** : Silver plated copper
- **Contact resistance** : 5 mΩ
- **Shell Material** : UL-94-V0 PA66
- **Storage Temperature** : -30°C to 85°C
- **Operating Temperature** : -40°C to 50°C
- **Security** : Dual temperature sensor switch
- **Sealing gasket** : Silicon rubber
- **Locking** : Dual locking mechanism is one.
- **Security** : The vast majority of vehicles lock chargers and adapters by their charge port.
- **Degree of protection** : IP54 (mating) & IP67 (enclosing)

WARRANTY :

Enjoy a 12-month warranty against manufacturing defects.

Note: Warranty doesn't cover misuse, mishandling, negligence, accidents, or modifications.

Our warranty only covers manufacturing defects.

Consult the warranty section on our website for more informations.

CAUTION :

Please retain these crucial safety guidelines. This document contains essential directions and cautions that must be adhered to when utilizing the NACS to CCS1 Adapter.

CAUTION: Prior to employing the NACS to CCS1 Adapter, thoroughly review this document. Neglecting to adhere to any of the guidelines or cautions in this document can result in potential fire hazards, electrical shocks, severe injuries, or even loss of life.

CAUTION: The NACS to CCS1 Adapter is exclusively engineered for charging CCS1 vehicles. Please refrain from utilizing it for any other purpose, vehicle, or object. It is intended solely for vehicles that do not necessitate ventilation during the charging process.

CAUTION: Should the NACS to CCS1 Adapter appear defective, cracked, frayed, broken, or damaged in any manner or if it fails to function, please refrain from using it.

CAUTION: Avoid any attempt to open, disassemble, repair, tamper with, or alter the NACS to CCS1 Adapter, as it is not designed for user servicing. For any necessary repairs, please get in touch with A2Z EV/EVSE.

CAUTION: While charging the vehicle, do not disconnect or try to disconnect the NACS to CCS1 Adapter.

CAUTION: Exercise care when handling or transporting the NACS to CCS1 Adapter to prevent damage to the adapter or its components. Avoid subjecting it to excessive force, impacts, pulling, twisting, tangling, dragging, or stepping on it.

CAUTION :

CAUTION: Always safeguard the NACS to CCS1 Adapter from moisture, water, and foreign objects. If any foreign objects are present or if there are signs of damage or corrosion on the NACS to CCS1 Adapter, refrain from using it.

CAUTION: Do not come into contact with the end terminals of the NACS to CCS1 Adapter using sharp metallic objects such as wires, tools, or needles.

CAUTION: Refrain from damaging the NACS to CCS1 Adapter with sharp objects.

CAUTION: Do not insert foreign objects into any part of the NACS to CCS1 Adapter.

CAUTION: Ensure that the charge cable and the NACS to CCS1 adapter do not obstruct pedestrians, other vehicles, or objects.

CAUTION: The use of the NACS to CCS1 adapter may potentially impact or hinder the operation of certain medical or implantable electronic devices, such as implantable cardiac pacemakers or implantable cardioverter defibrillators. It is advisable to consult with the manufacturer of the electronic device regarding the potential effects of charging on such devices before using the NACS to CCS1 Adapter.

CAUTION: Do not utilize cleaning solvents, lubricants or greases with the NACS to CCS1 Adapter.

If you have any inquiries or concerns regarding your NACS to CCS1 Adapter, please reach out to A2Z EV/EVSE for assistance.

Troubleshooting :

My adapter does not work:

- Make sure your vehicle has access to the DC NACS charging network.
- Make sure the adapter and NACS connector are fully inserted.
- Make sure the NACS DC charger accepts CCS1 vehicles (V3 and V4).
- Initiate the charging process through the charger's application.
- Initiate the charging process through the vehicle's app or infotainment.
- Change charging stall as the one you are trying to use may be defective.

If these steps are not helpful, contact us.

I am getting very low charging speeds :

- For optimal charging speeds, a very low SOC (state of charge (%)) upon your arrival at the charging station is recommended.
- The NACS DC chargers may be crowded and power is shared between other EVs.
- Change charging stall as the one you are trying to use may be defective.

If these steps are not helpful, contact us.

I was charging and the charging process suddenly stopped :

- Change charging stall as the one you are trying to use may be defective.
- The adapter is equipped with temperature sensor switches, if the adapter's temperature is too high you may at first experience derating and then interruption of the charging process.
- Let the adapter cool down for a few minutes and try again.

If these steps are not helpful, contact us.

I am unable to unplug the charging connector from the adapter :

Troubleshooting :

I am unable to unplug the adapter from the vehicle :

- Ensure the vehicle's charge port locking system is not engaged. Some vehicles feature an unlock button on the charge port, you may use the vehicle's infotainment or app to ensure proper unlocking of the adapter through the charge port.
- The adapter features a dual level locking mechanism - the first level allows movement of the top latch. Make sure you are pressing the top latch firmly.

If these steps are not helpful, contact us.

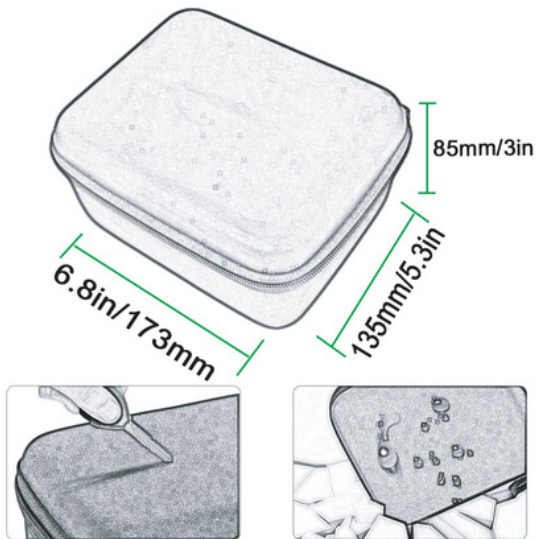
I am unable to unplug the charging connector from the adapter :

- The adapter features a dual level locking mechanism - the second level allows movement of the NACS side locking pin. Make sure you are pressing the top latch firmly.

If these steps are not helpful, contact us.

TRAVEL STORAGE CASE :

The protective case provides full protection. The Typhoon Pro Plug storage case is made of premium EVA, which is shockproof and dust resistance, Skid-proof and against impact.



CONTACT US :

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