



VORTEX PLUG
SUPERCHARGER
TO CCS1 ADAPTER
USER MANUAL



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INTRODUCTION TO THE VORTEX PLUG

The Lectron Vortex Plug is a NACS to CCS1 adapter that enables CCS1 vehicles within the North American Charging Standard (NACS) Alliance to access Tesla Supercharger stations. Access to Supercharger stations is contingent upon Tesla's rollout of access and your automaker's authorization. For Supercharger ports compatible with CCS1 vehicles, please reach out to Tesla. For further details on your vehicle and access availability, kindly contact your automaker.

WARNINGS



High Voltage - Handle with care and ensure proper connection before use.
Risk of electric shock & serious injury.

IMPORTANT SAFETY INSTRUCTIONS

When using electric products, basic precautions should always be followed, including the following. This manual contains important instructions for the Lectron Vortex Plug NACS to CCS1 Adapter that shall be followed during use and maintenance of the adapter.

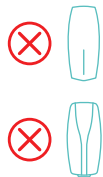
For use with Tesla Superchargers ONLY. Not suitable for use with Wall Connectors, Destination Chargers, Mobile Connectors, or any other EV chargers. Misuse may result in damage and safety hazards.

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NOT suitable for use with:

- Wall Connectors
- Destination Chargers
- Mobile Connectors
- Any other EV chargers

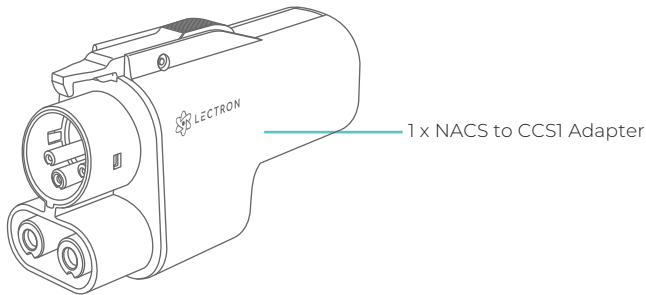


Misuse may result in damage and safety hazards.

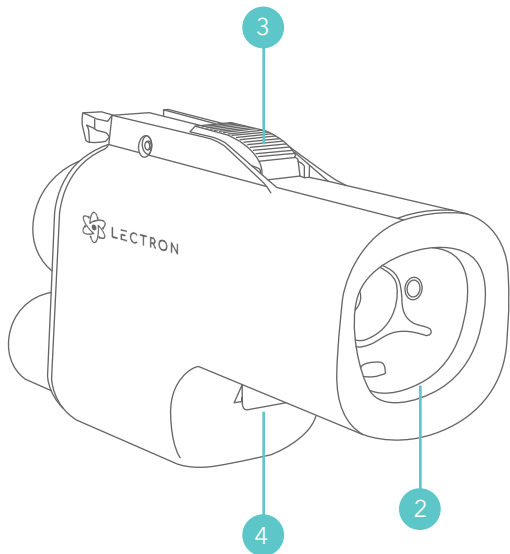
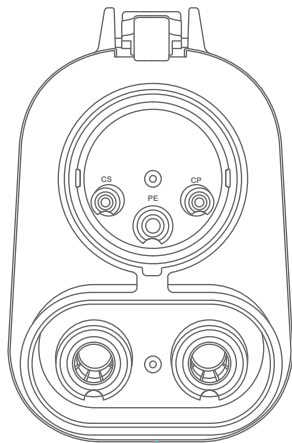
PLEASE READ INSTRUCTIONS CAREFULLY BEFORE USE:

- Intended for CCS1 vehicles in the NACS alliance only.
- Do not use this adapter with chargers capable of dynamic current control or boost current mode, as it may exceed the adapter's rating, posing a risk of shock and fire.
- Follow correct connection and disconnection procedures as prescribed in the user manual.
- Do not disconnect during charging.
- Do not place fingers into the adapter inlets.
- Do not use if defective, damaged, or corroded.
- Do not use if insulation, housings, or wiring are damaged or compromised.
- Protect from water and moisture.
- Operate within temperature range -22°F to 122°F.
- Handle with care and store in a safe location.
- Do not clean with detergent.
- Do not open or modify the adapter.
- Contact Lectron Customer Support at contact@ev-lectron.com for usage guidelines, maintenance, or repairs.

WHAT'S INCLUDED



PARTS OVERVIEW



- 1. NACS Supercharger Inlet
- 2. CCS1 Connector
- 3. NACS Unlock Button
- 4. CCS1 Unlock Button

BEFORE USE

NOTE: Ensure the chosen Tesla Supercharger station supports CCS1 charging. Verify your vehicle is authorized for Supercharger access via the Tesla app before first use.

WARNING: Do not store the NACS to CCS1 Adapter outside of the storage temperature range of -40°F to 185°F.

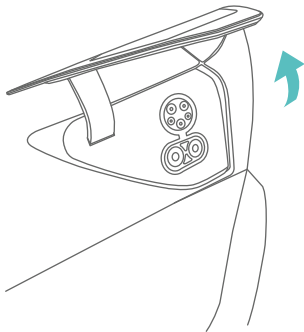
CHARGING TIME

Charging time varies depending on the Supercharger station, electric vehicle specifications, & environmental and battery temperature.

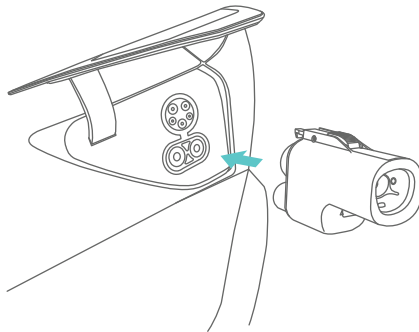
The Vortex Plug includes built-in temperature monitoring; charging power may decrease if the terminal exceeds 95°F. Operation shuts off at a 60°F charging handle temperature.

CONNECTING THE ADAPTER

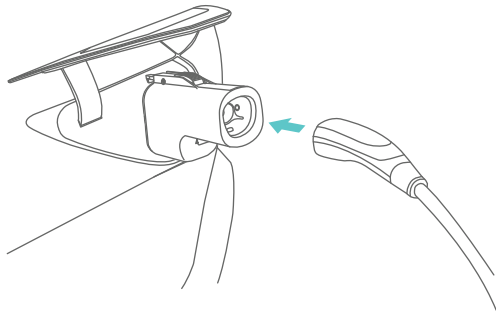
1. Open your EV charge port.



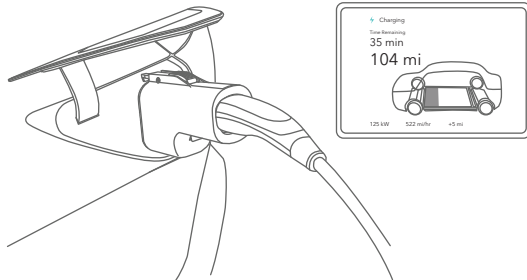
2. Plug the adapter into the EV charge port.



3. Press the NACS button on the adapter and insert the NACS Supercharger handle into the NACS Supercharger inlet on the adapter.



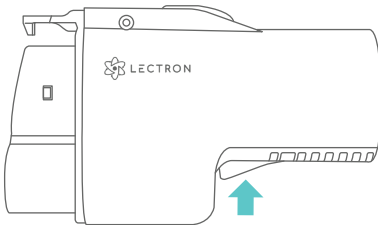
4. Ensure secure insertion and check the EV display for a successful connection.



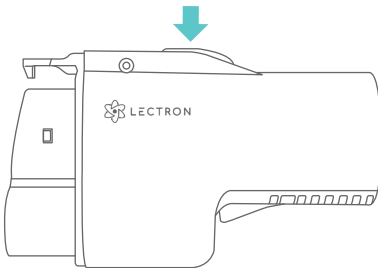
5. Begin charging following the station guidelines.

REMOVING THE VORTEX PLUG

1. Only remove once charging is complete.
2. Press the NACS unlock button on the adapter to safely remove the charging handle.



3. Press the CCS1 unlock button to remove the adapter from the CCS1 vehicle inlet.



TROUBLESHOOTING

If the vehicle fails to initiate charging, please consider the following steps:

- Ensure the Supercharger supports the CCS1 model.
- Check firm connections at both the NACS and CCS1 ends of the Vortex Plug.
- Unplug and re-insert both cable and Vortex Plug.
- Check charging status on Supercharger and electric vehicle display.
- If issues persist, email contact@ev-lectron.com.

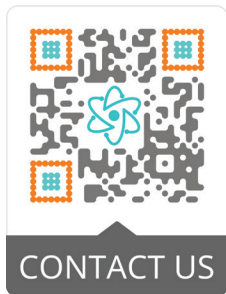
SPECIFICATIONS

Rated current:	500 A
Rated input / output:	1,000 V
Weatherproof rating:	IP67
Operating temp:	-22°F - 122°F
Storage temp:	-40°F to 185°F
Connector:	CCS1
Inlet:	NACS Supercharger
Weight:	2 lbs
Materials:	PC/PA66/Copper

Disclaimer: Vortex Plug is exclusively intended for safe use with CCS1 compatible vehicles authorized by Tesla for Supercharger Access. Contact your vehicle supplier for detailed compatibility information.

GET MORE SUPPORT

Need assistance?
Scan the QR code below or email us at
contact@ev-lectron.com



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www.ev-lectron.com

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