

# North American Charging Standard (NACS) DC Adapter Owner's Manual




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# 1. Warnings


## SAVE THESE IMPORTANT SAFETY INSTRUCTIONS.

This document contains important instructions and warnings that must be followed when using the North American Charging Standard (NACS) Adapter.


 **WARNING:** Read this document before using the NACS DC Adapter. Failure to follow any of the instructions or warnings in this document can result in fire, electrical shock, serious injury or death.


 **WARNING:** The NACS DC Adapter is designed only for charging a CCS1 vehicle. Do not use it for any other purpose or with any other vehicle or object. The NACS DC Adapter is intended only for vehicles that do not require ventilation during charging.


 **WARNING:** Do not use the NACS DC Adapter if it is defective, appears cracked, frayed, broken or otherwise damaged, or fails to operate.


 **WARNING:** Do not attempt to open, disassemble, repair, tamper with, or modify the NACS DC Adapter. The Adapter is not user serviceable.


 **WARNING:** Do not disconnect the NACS DC Adapter while charging the vehicle.


 **WARNING:** To prevent damage to the NACS DC Adapter, or any components, handle with care when using or transporting it. Do not subject it to strong force or impact and do not pull, twist, tangle, drag, or step on it.


 **WARNING:** Protect the NACS DC Adapter from corrosion and foreign objects. If any exist, or any damage is noted on the NACS DC Adapter, do not use the Adapter.


 **WARNING:** Do not touch the NACS DC Adapter's end terminals with sharp metallic objects, such as wire, tools, or needles.

 **WARNING:** Do not damage the NACS DC Adapter with sharp objects.

 **WARNING:** Do not insert foreign objects into any part of the NACS DC Adapter.

 **WARNING:** Ensure that the charge cable and the NACS DC Adapter do not obstruct pedestrians or other vehicles or objects.

 **WARNING:** Use of the NACS DC Adapter may affect or impair the operation of any medical or implantable electronic devices, such as an implantable cardiac pacemaker or an implantable cardioverter defibrillator. Check with the electronic device manufacturer concerning the effects that charging may have on such electronic devices before using the NACS DC Adapter.

 **WARNING:** Do not use cleaning solvents to clean the NACS DC Adapter.

If you have any questions or concerns about your NACS DC Adapter, contact your local GM dealership or contact EV Concierge at (833)64POWER.

## 2. Specifications

Use only to connect the charge cable on a NACS charging station to a vehicle that is capable of DC charging.

Voltage	1000V DC
Product Rating	IP67
Operating Temperature	-22°F to +122°F (-30°C to +50°C)
Storage Temperature	-40°F to +185°F (-40°C to +85°C)

**!** **CAUTION:** Do not operate or store the NACS DC Adapter in temperatures outside the ranges listed above.

## 3. Charging Time

Charging times vary based on the power and current available from the charging station, subject to various conditions.

Charge time also depends on ambient temperature and the vehicle's Battery temperature.

## 4. Plugging In

**!** **CAUTION:** Always inspect the NACS DC Adapter for damage prior to each use.

1. Plug the Adapter into the charging station handle. Ensure that it is firmly attached.



Figure 1: Adapter and handle attached.

**NOTE:** Check that the latch is in place before inserting the handle.



Figure 2: Check that the latch is present in the Adapter.

2. Plug the NACS DC Adapter with the handle into the vehicle to engage a pin that locks the adapter in place.
3. Start charging session.

**NOTE:** The operation of the charging station will vary depending on the manufacturer. For details, refer to the charging station's instructions.

## 5. Unplugging

When charging is complete:

1. Stop the charging session using the vehicle's touchscreen, the mobile app, or charging station.
2. Unlock the vehicle's charge port.
3. Remove the adapter and handle from the vehicle by pressing the metal CCS1 latch.



**NOTE:** Do not try to remove the handle from the adapter while engaged in the vehicle.

4. Remove the NACS DC Adapter from the charging handle by pressing the NACS latch and pulling the NACS DC Adapter away from the handle.



5. Return the charging handle to its dock on the charging station.
6. Store the NACS DC Adapter in the vehicle for future use.

## 6. Resolving Faults

If your vehicle fails to charge when using the NACS DC Adapter, check the display on your vehicle for information about any error that may have occurred. Always check the status of the charging station.

## 7. Warranty Information

### WARRANTY INFORMATION - ACCESSORIES LIMITED

WARRANTY. GM warrants the NACS DC Adapter against defects in materials or workmanship for up to 1 year from the date of delivery to the original retail purchaser. GM will replace the part or parts deemed to be defective, at its sole discretion, at no cost to the purchaser; any associated labor costs, however, are not covered by this warranty. This warranty applies exclusively to the original retail purchaser when (i) purchased via MyBrand App, or (ii) shipped directly to the original purchaser by GM or a GM dealership. See your GM dealer for details. Adapters provided by

independent companies are not warranted by GM; the independent company providing the adapter, not GM, is responsible for the safety and warranty associated with that adapter.

### The Original Purchaser's Obligations are:

Return the NACS DC Adapter to a local GM dealership, along with the original sales receipt, or repair order as proof of purchase. Subsequent replacements under this warranty will receive the balance of the original warranty period.

### This Warranty Does Not Cover:

- Damage or failure due to negligence, alteration, accident, abuse, improper installation, or use for a purpose which the product is not designed or approved by GM.
- Labor costs incurred for inspection, removal, or reinstallation.
- Products that are replaced as part of normal maintenance or wear out.
- Products used in vehicles involved in racing and other competitions.
- Products used in police vehicles, delivery vehicles, taxis, and commercial vehicles.
- Damage or failure due to system contamination.
- Loss of time, inconvenience, loss of use of the vehicle or other consequential damages.
- Products utilized on vehicles registered and normally operated outside of the United States or Canada.

### Other Terms:

Any implied warranty of merchantability or fitness for a particular purpose applicable to the NACS DC Adapter is limited in duration to that of this written warranty. The remedy provided above is the exclusive remedy under this written warranty or any implied warranty. Some states do not allow any limitation on the duration of an implied warranty or the exclusion or limitation of incidental or consequential damages; the above limitations or exclusions may not therefore apply to you. This warranty provides specific legal rights; you may also have other rights depending on the state or province in which you reside.

### IMPORTANT:

Keep this warranty and any sales slips and/or repair orders with your owner's manual.

## 8. Questions?

If you have questions, reach out to your local dealership, or contact the EV Concierge at (833) - 64POWER