

80A J1772 TO NACS ADAPTER



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PRODUCT INTRODUCTION

The Lectron J1772 to NACS Adapter (80A) with Temperature Sensor allows you to charge your Tesla or any NACS-enabled electric vehicle using a J1772 charger. With UL 2252 safety certification, 80A continuous current capacity, and integrated temperature sensor, this adapter ensures safe, efficient, and reliable charging in a wide range of environments. Built from high-grade materials and rated IP67 water and dustproof, it offers long-term durability, precise temperature monitoring, and broad compatibility with all J1772 chargers.

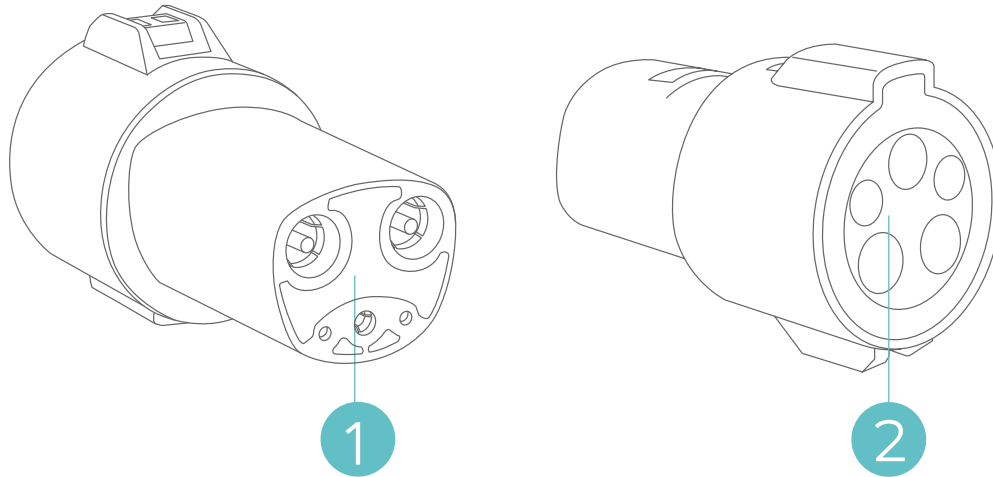
WARNINGS

Read this manual carefully before use. Failure to follow these instructions may result in fire, electric shock, serious injury, or death.

- Use only with Tesla or NACS-enabled vehicles. Do not connect to incompatible devices or connectors.
- Do not use the adapter if it is cracked, broken, corroded, or otherwise damaged.
- Do not disconnect the adapter while charging.
- Keep the adapter dry and away from moisture. Avoid heavy rain, snow, or submersion in water.
- Handle with care during transport and store in a cool, dry place when not in use.
- Inspect the adapter for damage or debris before each use.
- Operate only within the temperature range of -30°C to +50°C.
- Do not disassemble, modify, or repair the adapter yourself. Doing so voids the warranty and may cause electric shock.
- The built-in temperature sensor continuously monitors internal temperature. If overheating is detected, charging will automatically pause to protect your vehicle and the adapter.

For service or repair, contact Lectron Customer Support at **contact@ev-lectron.com**

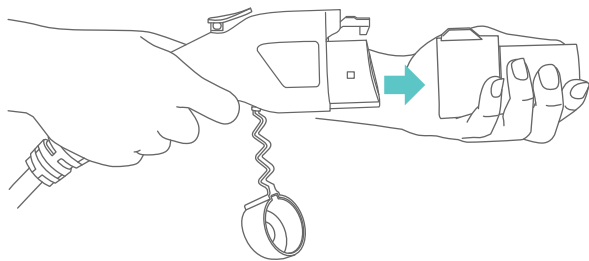
INTRODUCTION TO PARTS



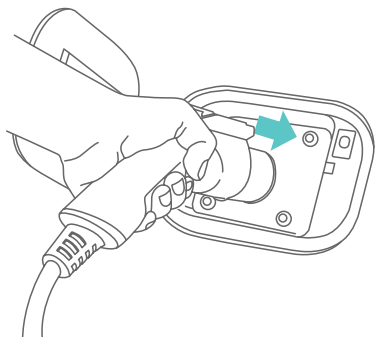
1. NACS Plug – Connects to your Tesla or NACS-enabled EV.
2. J1772 Port – Connects to your J1772 charging handle.

HOW TO USE

1. Connect the J1772 charger plug to the adapter's J1772 port and wait for communication between the charger and adapter.



2. Plug the adapter's NACS connector into your Tesla or NACS-enabled EV until it latches securely.



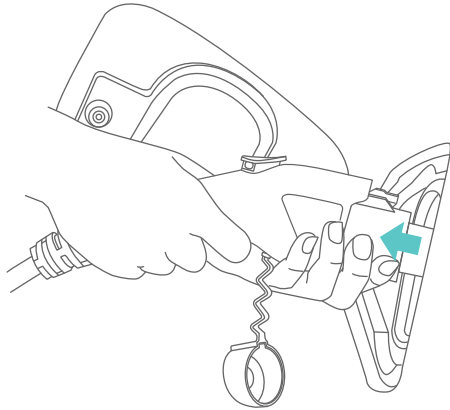
3. Charging will begin automatically once the connection is established.

Note: If the temperature sensor detects excessive heat, charging may pause automatically. Allow the adapter to cool before resuming use.

REMOVING THE ADAPTER

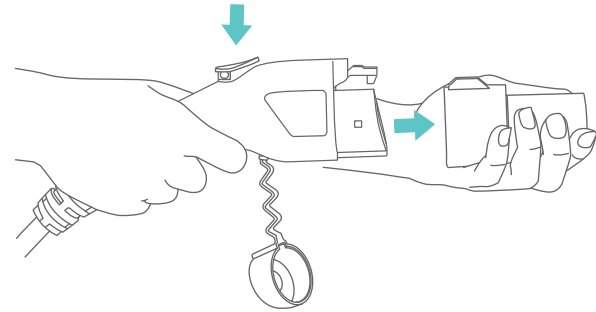
Note: Only remove the adapter from the charge port once charging is completed.

1. Hold both the charger handle and the adapter and securely pull them out of the Tesla charge port.



Note: Do not press the unlock button on the handle while pulling it out of the charge port.

2. Press the unlock button on the handle and safely remove the adapter.



FAQS

Q: Is the Lectron J1772 to NACS Adapter waterproof?

A: The adapter is rated IP67 (unmated) and IP44 (mated), providing excellent protection against dust and splashes. While weather-resistant, it should not be fully submerged in water.

Q: How fast can this adapter charge my EV?

A: It supports up to 80A continuous current. Actual charging speed depends on your EV's onboard charger and the J1772 station's output.

Q: What does the built-in temperature sensor do?

A: It monitors internal temperature in real time to prevent overheating. If excessive heat is detected, charging will temporarily stop until safe conditions are restored.

Q: Can I leave the adapter connected to a J1772 charger?

A: It's recommended to disconnect after each session to reduce wear and prevent moisture buildup.

Q: What safety certifications does it have?

A: This model is UL 2252 compliant and tested to SAE J3400 and SAE J1772-2017 standards for safety, performance, and reliability.

SPECIFICATIONS

Certifications	UL 2252 / SAE J3400 / SAE J1772-2017
Current Rating	80A
Maximum Voltage:	240V
Charging Port:	NACS
Connector Port:	SAE J1772
Temperature Sensor:	Built-in for overheating protection
Operating Temperature:	-30°C to +50°C
Weatherproofing:	IP67 (unmated) / IP44 (mated)



GET MORE SUPPORT

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



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