LENZ™
CHARGING SOLUTION

NACS to J1772 Adapter Gen 2

User Manual & Installation Guide

Model ADPT-12201

v001



Includes IMPORTANT SAFETY INFORMATION. Read thoroughly before use.

1. Safety Information

Ensure the power output from Tesla Destination Charger does **NOT** exceed 80A. Exceeding this limit could lead to overheating or damage to the adapter or your vehicle.

After connecting the adapter to the Tesla Charger, we recommend waiting **at least 10 seconds** before attaching the other end to your J1772 electric vehicle. This delay allows the system to stabilize and ensures a safe and proper connection.

Regularly inspect both the adapter and charging/connector ports to identify any accumulated dirt or debris. When dirt or debris enters the connection ports, there is a risk of overheating which can be safeguarded by promptly removing dirt or debris using a compressed air dispenser and electric cleaner, such as Deoxit® or WD-40® Specialist Electrical Contact Cleaner.

DO NOT continue use if you observe any damage to connector ports or pins.

DO NOT insert foreign objects into the port as this can cause damage and pose a safety hazard.

ALWAYS utilize a connector that is UL / ETL / SGS certified. This certification guarantees that the connector conforms to rigorous safety and quality standards.

2. Warnings



Thoroughly read this manual before using the LENZ Charging Solutions adapter. Disregarding the instructions or neglecting the provided warnings detailed in this document may lead to serious hazards**,** including fire, electrical shock, or severe injury.



Under no circumstance should you attempt to open, disassemble, repair, tamper with, or modify the LENZ Charging Solutions adapter. Engaging in such actions not only risks damaging the device but also increases the risk of electric shock or other harmful consequences.



Avoid exposing the adapter to moisture or high temperatures. Subjecting the adapter to these conditions may lead to performance degradation, physical damage, and additional safety concerns.



BEFORE EACH USE, inspect both adapter and charging ports to identify any presence of dirt or debris. Adapter and charging port connectors must be clean for safe usage and charging. **DO NOT** use if either the adapter or the charging ports are damaged.

2. Compatibility

- NACS (formerly Tesla) High Power Wall Connector
- NACS (formerly Tesla) Destination Charger Gen 1, 2, and 3
- NACS (formerly Tesla) Mobile Charger Connector

3. What's in the box?

1x GEN 2 NACS to J1772 Adapter
The most compact in its class, designed to connect your EV with J1772 charging port to a NACS (formerly Tesla) charging stations, empowering you with a greater range of charging options



4. Your adapter



1. J1772 Connector Locking Pin
2. NACS Connector Locking Pin
3. SAE J1772 Connector (Male)
4. NACS (formerly Tesla) Plug (Female)

5. Specifications

Voltage :	Max 250 VAC
Current:	Max 80A
Operating Temperature:	-22°F to +122°F (-30℃ to 50℃)
Connector Port:	NACS formerly known as Tesla
Charging Port:	SAE J1772
Weight:	1.12 lbs
IP/NEMA Rating:	IP 54
Certification:	UL 2252 ETL Listed

5. Usage Guide

Step 1: Connect Adapter to Charger

- Connect your LENZ adapter to NACS (formerly Tesla) Charger
- After the connection is made, we recommend waiting 10 seconds before proceeding to the next step. This pause ensures system stability and promotes a safe connection.

Step 2: Connect the Adapter to your Vehicle

- Firmly plug in the LENZ adapter into your J1772-compatible electric vehicle.

6. FAQ

Q: What is the charging speed of the LENZ Adapter for my electric vehicle (EV)?

A: Equipped with a maximum power output at 19.2 kW (80A, 240V), the LENZ Adapter's actual charging time may vary based on following factors:

- Type of Tesla charger utilized
- The specific models of Tesla charging stations
- The unique specifications of J1772 EV models and their battery capacity

Q: Should the LENZ Adapter remain connected to the Tesla wall charger when not in use?

A: We recommend detaching it post-use. This simple practice helps preserve the adapter's performance and extend its lifespan.

Q: Is the LENZ Adapter water-resistant?

A: While the LENZ Adapter is IP54 rated for weather resistance, it's best to keep it away from excessive moisture or water. Adopting such precautionary measures can help maintain its performance and durability.

7. Warranty & Support

Register your product today to extend your warranty protection for an additional 6 months, and stay informed on the latest and, sometimes, critical updates. And get special offers! Scan QR code to go to our registration page.

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