



# LENZ™

CHARGING SOLUTION

## J1772 to Tesla Adapter

User Manual & Installation Guide

Model ADPT21101

v002



Includes IMPORTANT SAFETY INFORMATION. Read thoroughly before use.

# 1. Safety Information

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Ensure that the connector conforms to the SAE J1772 standard and that the EVSE provides AC current. Please note this adapter is designed exclusively for AC charging and is **NOT** compatible with any DC charging station. Attempting to use it with a DC charging station can result in a fire, resulting in personal injury and/or property damage.

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

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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

- Tesla Model S (2012 – 2023)
- Tesla Model X (2016 – 2023)
- Tesla Model 3 (2016 – 2023)
- Tesla Model Y (2020 – 2023)

## 3. What's in the box?

### 1x LENZ J1772 to Tesla Adapter

Designed to connect your Tesla to a SAE J1772 charging station, empowering you with a greater range of charging options.

### 1x Protective Carrying Case

To store your LENZ J1772 to Tesla Adapter away from dirt and debris, which can interfere with the safe performance of the adapter.



## 4. Your adapter

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J1772 to Tesla Adapter

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SAE J1772 Charge Port (Female)

③

Tesla Charge Connector (Male)

## 5. Specifications

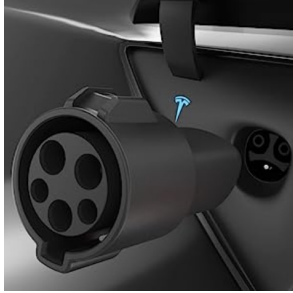
Voltage :	120/240 VAC
Amperage:	Up to 80 Amps
Operating Temperature:	-22°F to +122°F
Connector Port:	SAE J1772
Charging Port:	Tesla
Weight:	1.12 lbs
IP/NEMA Rating:	IP 54
Certification:	UL 2251 and CSA C22.2 No. 282-17 (SGS Listed)

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## 5. Usage Guide

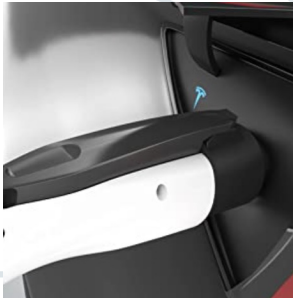
### Step 1: Connect Adapter to your Tesla's charging port

- Connect your LENZ adapter to Tesla vehicle's charging port



### Step 2: Connect J1772 charging plug to the adapter

- Firmly connect charging station plug to LENZ adapter until latch clicks



### Step 3: Confirm Tesla vehicle's indicator turns green



## 6. Troubleshooting

### **ISSUE: If you encounter difficulties while inserting the adapter into the charging port, please follow these steps:**

1. Ensure both the adapter and the charging port are thoroughly clean and free from dirt or debris. It is essential not to use the adapter if either the adapter or the charging port is damaged.
2. Align the adapter with the charging port in the same direction, and then firmly insert the adapter into the port.
3. If the problem persists after attempting the above steps, please contact the LENZ Charging customer support. We are committed to resolving the matter as soon as possible.

### **ISSUE: If you have difficulties when removing the adapter from the charging port, please follow these steps:**

1. Confirm that both the adapter and the charging port are clean and free of dirt or debris. It is crucial not to use the adapter if either the adapter or the charging port displays signs of damage.
2. Please confirm your Tesla is unlocked and the charge door is set to open.
3. Verify that your Tesla can still be powered on and it is not performing any software updates.
4. Aim to pull the adapter in the same direction of the charging port pins – this is perpendicular to the car body surface.
5. If the problem persists after attempting the above steps, please contact the LENZ Charging customer support. We are committed to resolving the matter as soon as possible.

### **ISSUE: If you encounter difficulties when removing the J1772 connector from the adapter, please follow these steps:**

1. Confirm that both the adapter and charging port are clean and free of dirt or debris. **DO NOT** use if either the adapter or charging port are damaged.
2. Ensure that you are **NOT** using any Third Party “Adapter Lock”
3. Verify that the latch button of the connector is still functioning as expected.
4. If the problem persists after attempting the above steps, please contact the LENZ Charging customer support. We are committed to resolving the matter as soon as possible.

## 6. Troubleshooting (continued)

**ISSUE: If you find that your car isn't charging while using the adapter, please follow these steps:**

1. Confirm that both the adapter and charging port are clean and free of dirt or debris. **DO NOT** use if either the adapter or charging port are damaged.
2. Ensure the adapter is fully inserted to the charging port.
3. Verify that the J1772 connector is fully inserted into the charging port. An audible "click" should confirm that the connection is secure and reliable.
4. Make sure that the EVSE (charging station) is functioning correctly. If feasible, try resetting the EVSE.
5. Verify that your Tesla has the latest software update installed and isn't performing a software update at the moment.
6. If the problem persists after attempting the above steps, please contact the LENZ Charging customer support. We are committed to resolving the matter as soon as possible..

**ISSUE: If you're experiencing charging at a lower than maximum capacity, please consider the following steps:**

1. Ensure that you have followed all the steps correctly as outlined in the user manual. When using the adapter, ensure it is fully inserted to the port, and the J1772 connector securely locked into the adapter.
2. Check the status of your EVSE (charging station) by referring to its user manual or consulting the property owner.
3. Please note that the adapter is designed to support AC charging at up to 80A. However, the actual charging speed depends on the power delivered from the EVSE and the capability of your Tesla's onboard charger. Refer to your Tesla user manual for detailed specifications about charging capabilities.
4. If the problem persists after attempting the above steps, please contact the LENZ Charging customer support. We are committed to resolving the matter as soon as possible.



## 7. Warranty & Support

Scan the QR code to extend your warranty by 6 months, receive critical updates, and take advantage of special offers.



### Disclaimer

LENZ is not affiliated with Tesla Inc. The term 'Tesla' is a trademark of Tesla Inc., used here only for compatibility description purposes.

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