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› YIGPAIPO CCS Adapter CCSBOX01 User Manual for Tesla Models 3, Y, X, S

## YIGPAIPO CCSBOX01

# YIGPAIPO CCS Adapter CCSBOX01 User Manual

For Tesla Models 3, Y, X, S

## 1. INTRODUCTION

The YIGPAIPO CCS Adapter (Model: CCSBOX01) allows compatible Tesla Model 3, Y, X, and S vehicles to utilize CCS (Combined Charging System) DC fast chargers. This adapter facilitates high-power direct current charging, expanding your charging options beyond the Tesla Supercharger network. Please read this manual thoroughly before use to ensure safe and proper operation.



Image 1.1: The YIGPAIPO CCS Adapter and its included protective carrying case.

## 2. SAFETY INFORMATION

- **Voltage Limit:** Do not exceed 500V DC. This adapter is designed for DC fast charging only and is not compatible with Level 1 or Level 2 AC EV chargers.
- **Environmental Conditions:** The adapter has an IP44 water resistance rating, allowing for outdoor use. However, avoid using it in heavy rain to prevent potential damage or safety hazards.
- **Temperature Range:** The adapter is designed to operate properly within a temperature range of -40°F to 185°F (-40°C to 85°C).
- **Protection Features:** The adapter incorporates multiple safety protections, including over-current, over-voltage, under-voltage, leakage, and overheating protection.
- **Handling:** Do not drop the adapter during use to prevent damage.
- **Compatibility:** Ensure your Tesla vehicle is CCS enabled and compatible with this adapter before use. Refer to the compatibility section for details.

## 3. COMPATIBILITY

This CCS adapter is compatible with specific Tesla Model 3, Y, X, and S vehicles. It **is not compatible** with the Tesla Cybertruck or Tesla Superchargers.

### 3.1 Vehicle Compatibility Check

- Not all Tesla vehicles are equipped with CCS charging capability.
- Teslas built before 2014 may not have CCS enabled.
- The following Tesla models may require an ECU retrofit to use a CCS adapter:
  - **Model X:** Manufactured prior to February 2020
  - **Model 3:** Manufactured prior to June 2020, or between June 2021 and September 2021
  - **Model S:** Manufactured prior to February 2020
  - **Model Y:** Manufactured prior to March 2020, or between June 2021 and September 2021
- To determine if your vehicle is compatible, navigate to **Controls > Software > Additional Vehicle Information** on your Tesla's touchscreen, or contact Tesla support.



Image 3.1: Visual representation of compatible Tesla models (S, 3, X, Y) and the incompatible Cybertruck, along with detailed compatibility notes.

### 3.2 Charger Compatibility

This adapter is designed for use with CCS1 DC fast chargers. It **is not applicable** for J1772 chargers or Tesla Superchargers.



Image 3.2: Diagram illustrating compatibility with CCS1 chargers and non-compatibility with J1772 chargers.





Image 3.3: Illustration showing various CCS chargers as compatible and a Tesla Supercharger as incompatible.

## 4. SETUP AND OPERATING INSTRUCTIONS

### 4.1 Connecting the Adapter

1. Ensure your Tesla vehicle is parked and turned off.
2. Locate the charging port on your Tesla.
3. Carefully insert the YIGPAIPO CCS Adapter into your Tesla's charging port. Ensure it is fully seated.
4. Take the CCS1 charging cable from the public charging station.
5. Insert the CCS1 charging cable into the YIGPAIPO CCS Adapter. Ensure a secure connection.

## Works with Tesla Model3/X/Y/S



**NOTE:** Not all Tesla vehicles are equipped with CCS charging capability.  
Teslas built before 2014 may not be CCS enabled.

Tesla Models below need ECU retrofit to use the CCS adapter Compatible with All Tesla Models  
Model X/Manufactured prior to Feb 2020

Model 3/Manufactured prior Jun 2020,Between Jun 2021-sep 2021

Model S/Manufactured prior to Feb 2020

Model Y/Manufactured prior to Mar 2020,Between Jun 2021-sep 2021

To determine if your vehicle is compatible, touch Controls > Software > Additional Vehicle  
Information on the touchscreen, or contact Tesla.

Do not drop during use to avoid damage!CCS not with Cybertruck!

Image 4.1: The CCS adapter securely connected to a Tesla vehicle's charging port.

### 4.2 Initiating Charging

1. Once both the adapter and the CCS1 cable are securely connected, follow the instructions on the public charging station's screen to initiate the charging session.
2. Monitor the charging status on your Tesla's display or mobile app.
3. The adapter supports fast charging up to 250 kW and 500V DC. Actual charging speed will depend on the specifications of the CCS charger used and your vehicle's charging capabilities.



Image 4.2: A Tesla vehicle actively charging using the CCS adapter, displaying potential charging metrics of 500V and 300A for up to 250kW.

#### 4.3 Disconnecting After Charging

1. Terminate the charging session via the charging station's interface or your Tesla's controls.
2. Wait for the charging indicator lights to confirm the session has ended.
3. Carefully disconnect the CCS1 charging cable from the adapter.
4. Remove the YIGPAIPO CCS Adapter from your Tesla's charging port.
5. Store the adapter in its protective carrying case when not in use.

### 5. MAINTENANCE

- **Cleaning:** Wipe the adapter with a dry, clean cloth. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the adapter in its protective carrying case in a cool, dry place when not in use. Avoid exposing it to extreme temperatures or direct sunlight for prolonged periods.
- **Inspection:** Periodically inspect the adapter for any signs of damage, wear, or corrosion. Do not use if any damage is observed.





Image 5.1: The compact CCS adapter stored in a car's cup holder, demonstrating its portability and the included protective case.

## 6. TROUBLESHOOTING

### • Charging Not Initiating:

- Ensure both the adapter and the CCS1 cable are fully and securely connected.
- Verify that your Tesla vehicle is CCS enabled (refer to Section 3.1).
- Check the charging station for error messages or instructions.
- Try a different CCS charging station if available.

### • Slow Charging Speed:

- Actual charging speed depends on the specific CCS charger's output and your Tesla's maximum charging rate.
- Ensure the charging station is functioning correctly and delivering its advertised power.
- Environmental factors (e.g., extreme cold) can affect charging performance.

### • Adapter Overheating:

- The adapter has built-in overheating protection. If it feels excessively hot, disconnect it immediately



and allow it to cool down.

- Ensure proper ventilation around the adapter during charging.
- **Physical Damage:** If the adapter shows any signs of physical damage, discontinue use immediately and contact customer support.

## 7. SPECIFICATIONS

| Feature               | Specification                  |
|-----------------------|--------------------------------|
| Model Number          | CCSBOX01                       |
| Brand                 | YIGPAIPO                       |
| Max Voltage           | DC 500V                        |
| Max Power             | 250 kW                         |
| Water Resistance      | IP44                           |
| Operating Temperature | -40°F to 185°F (-40°C to 85°C) |
| Item Weight           | 1.79 pounds (0.81 kg)          |
| Package Dimensions    | 7.05 x 6.97 x 4.17 inches      |
| Connector Type        | CCS1 to Tesla                  |

## 8. WARRANTY AND SUPPORT

The YIGPAIPO CCS Adapter comes with a 2-year warranty from the date of purchase, covering manufacturing defects. This warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or improper maintenance.

For technical support, warranty claims, or any questions regarding your YIGPAIPO CCS Adapter, please contact our customer service team through the retailer where the product was purchased or visit the official YIGPAIPO website for contact information.