WALL CONNECTOR, 40A SINGLE PHASE INSTALLATION MANUAL

THIS MANUAL IS OF THE HIGHEST IMPORTANCE
Approved Markets: China Mainland, Hong Kong

WALL CONNECTOR, 40A SINGLE PHASE INSTALLATION MANUAL

THIS MANUAL IS OF THE HIGHEST IMPORTANCE
Approved Market: Australia
PRODUCT SPECIFICATIONS

All specifications and descriptions contained in this document are verified to be accurate at the time of printing. However, because continuous improvement is a goal at Tesla, we reserve the right to make product modifications at any time.

ERRORS OR OMISSIONS

To communicate any inaccuracies or omissions in this manual, please send an email to: ownersmanualfeedback@teslamotors.com.
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**IMPORTANT!**

READ THIS ENTIRE MANDATORY DOCUMENT BEFORE INSTALLING OR USING THE WALL CONNECTOR. FAILURE TO DO SO OR TO FOLLOW ANY OF THE INSTRUCTIONS AND WARNINGS IN THIS DOCUMENT CAN RESULT IN FIRE, ELECTRICAL SHOCK, SERIOUS INJURY OR DEATH.

THE WALL CONNECTOR MUST BE INSTALLED BY A DULY REGISTERED AND QUALIFIED ELECTRICIAN, AND IN ACCORDANCE WITH LOCAL REGULATIONS AND ORDINANCES GOVERNING ELECTRICAL APPLIANCES AND THEIR INSTALLATION, USE, AND MAINTENANCE.

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SAFETY INFORMATION

SAVE THESE IMPORTANT SAFETY INSTRUCTIONS

This document contains important instructions and warnings that must be followed when installing and maintaining the Wall Connector.

**WARNINGS**

The Wall Connector must be grounded through a permanent wiring system or an equipment grounding conductor.

Do not install or use the Wall Connector near flammable, explosive, harsh, or combustible materials, chemicals, or vapors.

Turn off input power at the circuit breaker before installing or cleaning the Wall Connector.

Use the Wall Connector only within the specified operating parameters.

The Wall Connector is designed only for charging a Tesla vehicle (excluding Tesla Roadster). Do not use it for any other purpose or with any other vehicle or object.

Never spray water or any other liquid directly at the wall mounted control box. Never spray any liquid onto the charge handle or submerge the charge handle in liquid. Store the charge handle above the ground to prevent unnecessary exposure to contamination or moisture.

Stop using and do not use the Wall Connector if it is defective, appears cracked, frayed, broken, or otherwise damaged, or fails to operate, or continue operation.

Do not attempt to disassemble, repair, tamper with, or modify the Wall Connector. The Wall Connector is not user serviceable. Contact Tesla for any repairs or modification.

When transporting the Wall Connector, handle with care. Do not subject it to strong force or impact or pull, twist, tangle, drag, or step on the Wall Connector, to prevent damage to it or any components.

Do not touch the Wall Connector’s end terminals with sharp metallic objects, such as wire, tools, or needles.

Do not forcefully fold or apply pressure to any part of the Wall Connector or damage it with sharp objects.

Do not insert foreign objects into any part of the Wall Connector.

Do not use the Wall Connector when a vehicle cover is on the vehicle.

Use of the Wall Connector 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 your electronic device manufacturer concerning the effects that charging may have on such electronic devices before using the Wall Connector.

**CAUTIONS**

Incorrect installation and testing of the Wall Connector could potentially damage either the vehicle’s Battery and/or the Wall Connector itself. Any resulting damage is excluded from New Vehicle Limited Warranty and the Wall Connector Limited Warranty.

Do not operate the Wall Connector in temperatures outside its operating range of -30°C to -45°C.

Ensure that the Wall Connector’s charging cable is positioned so it will not be stepped on, driven over, tripped on, or subjected to damage or stress.

Do not use cleaning solvents to clean any of the Wall Connector’s components. The outside of the Wall Connector, the charging cable, and the connector end of the charging cable should be periodically wiped with a clean dry cloth to remove accumulation of dirt and dust.

Be careful not to damage the circuit board when removing the power entry knock-out.
The maximum rating for the Wall Connector is 10 kW or 40 amps at 220 volts. Your vehicle can charge from 180 to 265 volts.

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<td>220V AC single-phase: LINE, NEUTRAL, and EARTH</td>
</tr>
<tr>
<td><strong>Current</strong></td>
<td>Maximum 50A circuit breaker</td>
</tr>
<tr>
<td><strong>Frequency</strong></td>
<td>50 Hz</td>
</tr>
<tr>
<td><strong>Cable Length</strong></td>
<td>Approximately 7.6 m</td>
</tr>
<tr>
<td><strong>Wall Connector Dimensions</strong></td>
<td>Height: 385 mm \nWidth: 157 mm \nDepth: 100 mm</td>
</tr>
<tr>
<td><strong>Bracket Dimensions</strong></td>
<td>Height: 382 mm \nWidth: 158.2 mm \nDepth: 96 mm</td>
</tr>
<tr>
<td><strong>Weight (including bracket)</strong></td>
<td>9 kg</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
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<td><strong>Storage Temperature</strong></td>
<td>-50°C to 85°C</td>
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<td><strong>Enclosure Rating</strong></td>
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Features

OPTIONAL CIRCUIT RATINGS

For the fastest charging, using a circuit breaker rated for 50 amps is recommended.

SELF-MONITORING AND RECOVERY

The Wall Connector has a ground monitoring circuit that continuously checks for the presence of a safe ground connection and automatically recovers from faults. Manual testing and resetting is not required. Temporary problems such as ground faults or utility power surges are overcome automatically. If a GFCI fault occurs that interrupts charging, the Wall Connector automatically tries to clear the fault and re-attempt charging.

If the problem is immediately sensed a second time, the Wall Connector waits 15 minutes before trying to charge. This process repeats eight times and if all attempts are unsuccessful, power is removed and no further attempts are made. In this case, a red error light lights up on the front panel (refer to the troubleshooting table on page 15). It is recommended that when you see a red error light, you power off the Wall Connector by switching off the circuit breaker, and then power it back on again.

POWER OUTAGES

If a power outage occurs, the Wall Connector automatically resumes charging when power is restored. If the charging cable is plugged into the vehicle when power is restored, the lights blink and the unit does not energize the charging cable for approximately 15 seconds to 3 minutes. This prevents the utility grid from experiencing a large surge when power is restored, allowing vehicles to begin drawing current at random times, rather than all at once.
Service Wiring - Single Phase

WARNING: The Wall Connector is a single-phase device. Do not connect all 3 phases of a 3-phase feed.

WARNING: Before installing the Wall Connector, identify the type of utility service connection available on site. If you are unsure about the type of connection available at the service panel, consult the local utility company, or contact Tesla for assistance.

CAUTION: The line connection must measure 220V RMS to neutral. Earth must also be connected to the Wall Connector. For most branch circuits of 50A, use 16 mm², 75°C hard copper wire. Ground wiring should be at least 10 mm². If your ground wiring does not fit into the bus, use a wire nut or other suitable connection method.

Run 32 mm metal pipe and flame retardant conduit on the left side of a wall stud. The conduit fits into the opening on either the back or the left side of the Wall Connector as described on page 8.

When connecting the line and neutral wires, care must be taken that the service transformer secondary connection is definitely known, and the wires from the main circuit breaker panel are correctly connected and labeled. The illustrations provided show the most commonly used wiring format in China.

NOTE: The line, neutral, and earth outputs labeled on the illustrations correspond to the inputs on the Wall Connector.

Ground (Earth) Connection

Always connect the earth line at the service panel to earth. Ground fault protection is not possible unless the earth line is connected to earth.

If an earth connection is not available, you must install a grounding stake nearby. The grounding stake must be connected to the ground bar in the main breaker panel, and neutral connected to earth at that point.

WARNING: Follow local electrical codes when installing the grounding stake.

IMPORTANT! Dip switch 4 must be set to the 1 (left) position. See page 11.
Installation Overview

TOOLS REQUIRED
Before installing the Wall Connector, ensure you have the following tools:
• Pencil or marker
• Drill and 8 mm drill bit
• T20 torx driver
• Hole saw, 32 mm
• Sharp knife or razor
• Phillips screwdriver
• Wire stripper
• Ratchet wrench with 8 mm and 17 mm sockets, and a 50 mm minimum extension
• Voltmeter or digital multimeter (to measure AC power at the site)

OVERVIEW OF STEPS
After running service wiring to the desired installation location using 32 mm metal pipe and flame retardant conduit, (see pages 4 through 4), and installing the appropriate circuit breaker, TURN OFF THE POWER SUPPLY. Then follow these steps to install the Wall Connector:
1. Check box contents (see page 6)
2. Install wall bracket (see page 7)
3. Prepare for installation (see page 8)
4. Mount on wall (see page 9)
5. Connect wiring (see page 10)
6. Set the operating current (see page 11)
7. Confirm a successful installation (see page 12)
8. Secure cover and power up (see page 13)
9. Install the cable hanger (see page 14)
In addition to this Installation Guide, the shipping box contains the following components. If any components are damaged or missing, contact Tesla.

- Wall Connector assembly
- Mounting bracket
- M10 lag screws and washers (2)
- Earth wire
- M6 flange screws (2)
- Cable Hanger Bracket
- Cable Hanger Screws, Anchors, and Washers (2 each)
Step Two - Install Wall Bracket

You can run 32 mm metal pipe and flame retardant conduit into either the back or the left side of the Wall Connector’s main enclosure. Regardless of the conduit opening you use, always run the conduit on the left side of a wall stud. Refer to the illustration below for dimensions.

When determining where to mount the Wall Connector, keep in mind that its 7.6 m charge cable should easily reach the vehicle’s charging port without straining the connections at either end.

1. Use the mounting bracket as a guide to mark the location on the wall for the two mounting screws.
   - Space the holes exactly 214 mm apart.
   - The height of the bracket should ensure that the charging connector is located at a maximum of 122 cm from floor level. The minimum height is 46 cm if mounting indoors, and 61 cm if mounting outdoors.

2. Drill two 8 mm holes in the wall.

3. Attach the wall bracket using fasteners appropriate for the type of wall material. Use the supplied lag screws and washers only if mounting to a solid wooden wall stud. If mounting to another type of wall (hollow, masonry, etc.), use fasteners that are long enough to securely anchor the Wall Connector and that can support at least 36 kg.
Step Three - Prepare for Installation

1. Using a T20 Torx driver, remove the two security screws from the bottom of the Wall Connector.

2. Release the front cover carefully by pulling it towards you far enough to disconnect the ribbon cable. Disconnect the ribbon cable from inside the main enclosure to fully release the front cover.

   CAUTION: When removing the front cover, do not damage the ribbon cable. Disconnect the ribbon cable before fully releasing the front cover.

3. Disconnect the ground wire from the terminal block and push it out of the way to avoid damaging it when completing the next step.

4. Use a 32 mm hole saw to remove the power entry knock-out from either the side or back of the connector.

   CAUTION: When using the hole saw, do not damage internal components. If using the side knock-out, center the hole saw at the indented hole and drill through all layers. After drilling, use a sharp knife or razor to cut and remove the rubber molding, as indicated by the indentations in the rubber.

5. Reconnect the ground wire to the terminal block.

NOTE: Use the back knock-out when mounting to a pedestal or when running wires from behind a wall.
Step Four - Mount on Wall

1. Position the connector over the bolts on the mounting bracket as shown below.
2. Attach the ground wire, as shown below.
3. Use the supplied flange screws to fasten the connector onto the bracket. Use a ratchet wrench and 8 mm socket to tighten until snugly fitted.
Step Five - Connect Wiring

NOTE: For most branch circuits of 50A, use 16 mm², 75°C hard copper wire.

WARNING: Do not connect service wiring until you have read and fully understand page 4 in this document describing the service wiring. If you are uncertain about the type of power available at the service panel, consult your local utility, or contact Tesla for assistance.

1 Turn off the power.

WARNING: RISK OF ELECTRIC SHOCK! Before connecting the wiring, use a voltmeter to confirm that NO POWER is available at the service wiring or terminals.

2 Pull the service wiring into the Wall Connector. If using a hub, connect conduit to the hub before connecting it to the enclosure.

3 Strip the three wires 10 mm.

4 Connect wiring to the terminal block. Connect L1 to black, L2/N to red, and green ground to one of the two available ground connectors, as shown.

CAUTION: Cut the wire strands flush and insert them fully into the terminal block.

NOTE: The Ground wire should be at least 10 mm². To ensure proper operation, verify that neutral is connected to the neutral line inside the circuit breaker box or the main electrical panel.

5 Tighten the L1 and L2 screws to 3.5 to 5.6 Nm depending on wire gauge. Tighten the ground screw as follows:

<table>
<thead>
<tr>
<th>Wire Gauge AWG (hard copper)</th>
<th>Torque Nm</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-5 mm²</td>
<td>2.3</td>
</tr>
<tr>
<td>8 mm²</td>
<td>2.8</td>
</tr>
<tr>
<td>13-21 mm²</td>
<td>3.5</td>
</tr>
<tr>
<td>Two 2-3 mm²</td>
<td>2.8</td>
</tr>
</tbody>
</table>
Step Six - Set the Operating Current

Adjust the DIP switches to set the operating current. Use a pointed non-conductive object such as a plastic pen.

⚠️ WARNING: Power MUST remain off before setting or changing DIP switches. If you set DIP switches with the power on, not only is it dangerous because of the risk of electric shock, but the changes are not recognized.

### SETTINGS

<table>
<thead>
<tr>
<th>Circuit Breaker Rating (Amps)</th>
<th>Maximum Current Supplied to Vehicle (Amps)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>40</td>
</tr>
<tr>
<td>40</td>
<td>32</td>
</tr>
<tr>
<td>20</td>
<td>16</td>
</tr>
<tr>
<td>16</td>
<td>10</td>
</tr>
</tbody>
</table>

To determine the type of electrical breaker you need, examine the distribution panel/circuit breaker box to identify the amperage available at the installation site.
Step Seven - Confirm a Successful Installation

1. While holding the front cover near the connector, re-connect the ribbon cable.

2. Hang the front cover over the hinge located at the top of the connector. Do not secure the front cover yet.

3. Turn on the power.

4. Hold the RESET button for five seconds. This button is located on the lower right side of the Wall Connector.

You should hear the contacts close and see the Wall Connector's lights sequentially illuminate green.
Step Eight - Secure Cover and Power Up

1. Reposition the front cover over the unit, aligning the five tabs on the back of the front cover with their corresponding slots. Starting at the bottom and working upwards, press firmly on both sides of the front cover until it clicks into place.

2. Using a T20 torx driver, re-attach the two security screws that you removed from the bottom of the Wall Connector in “Step Three - Prepare for Installation” on page 8.

3. Turn on the power.

4. Attempt to charge the car to ensure the Wall Connector is operating correctly and charging at the selected operating current. For instructions on how to charge, refer to the owner information provided with your vehicle.
Step Nine - Install the Cable Hanger

YOU WILL NEED

• Cable Hanger, bracket, two screws and two wall anchors (included in the shipping box)
• Pencil or marker
• Drill with 5 mm drill bit
• Phillips screwdriver

FOLLOW THESE STEPS

1. Use the Cable Hanger’s bracket as a guide to mark the location on the wall for the two mounting screws.

   NOTE: The height of the bracket should ensure that the charging connector is located at a maximum of 1.2 metres from floor level. The minimum height is 46 cm if mounting indoors, and 61 cm if mounting outdoors.

   *CAUTION: If installing in a public location, consider laws and regulations that accommodate persons with disabilities.

2. Drill two 5 mm holes in the wall.

3. Insert the two Poly-Set anchors into the holes until their flanges are flush.

4. Use the supplied Phillips screws to secure the bracket to the wall.

To ensure the screws are secure, apply additional turns after the screw head is against the bracket.

<table>
<thead>
<tr>
<th>Plasterboard Thickness</th>
<th>Number of Additional Turns</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 mm</td>
<td>7-9</td>
</tr>
<tr>
<td>13 mm</td>
<td>5-7</td>
</tr>
<tr>
<td>16 mm</td>
<td>3-4</td>
</tr>
<tr>
<td>19 mm</td>
<td>1-2</td>
</tr>
</tbody>
</table>

NOTE: For more details on using the anchors and screws, refer to the Poly-Set Installation Instructions, included in the shipping box.

5. Slide the Cable Hanger onto the bracket as shown. If desired, you can insert the connector’s cable into the groove between the bracket and the Cable Hanger, as shown.
Observe the lights on the front of the Wall Connector, then use the following table to resolve a fault.

<table>
<thead>
<tr>
<th>Green Lights</th>
<th>Red Light</th>
<th>What It Means</th>
<th>What To Do</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top light on</td>
<td>Off</td>
<td>Power on. Wall Connector is powered, but not charging.</td>
<td>Make sure the Wall Connector is plugged into the car.</td>
</tr>
<tr>
<td>Off</td>
<td>1 flash</td>
<td>Ground fault. Electrical current is leaking through a potentially unsafe path.</td>
<td>This should automatically reset in 15 minutes. If not, make sure nobody is touching the car, then press the RESET button.</td>
</tr>
<tr>
<td>Off</td>
<td>2 flashes</td>
<td>The Wall Connector did not pass its internal self check.</td>
<td>Unplug the Wall Connector from the car and press the RESET button. Plug the Wall Connector back into the car. If the error persists, unplug the Wall Connector from the car, power off the Wall Connector, then power it back on again before plugging it back into the car.</td>
</tr>
<tr>
<td>Off</td>
<td>3 flashes</td>
<td>Contactor failed.</td>
<td>Unplug the Wall Connector from the car and wait 10 seconds. If the error persists, contact Tesla.</td>
</tr>
<tr>
<td>Off</td>
<td>4 flashes</td>
<td>Ground lost.</td>
<td>Make sure the power outlet is properly grounded. Make sure the hot and neutral pins are wired properly. If uncertain, ask your electrician.</td>
</tr>
<tr>
<td>Off</td>
<td>5 flashes or more</td>
<td>The Wall Connector requires servicing.</td>
<td>Contact Tesla.</td>
</tr>
</tbody>
</table>
Always ensure that after charging, the charging cable is wrapped around the Wall Connector.

Regularly inspect the Wall Connector and charging cable for signs of damage. If damage is found, contact Tesla.

The Wall Connector contains no user-serviceable components. If the unit is not operating correctly, contact Tesla.

Wipe the outside of the Wall Connector, the charging cable, and the connector end of the charging cable with a clean dry cloth to remove any accumulation of dust and dirt.

**WARNING:** Turn off input power at the circuit breaker before cleaning the Wall Connector.

**WARNING:** Do not use cleaning solvents, scouring powder, or any type of abrasive pad to clean the Wall Connector, its charging cable, or the vehicle’s charging port.

**CAUTION:** To reduce the risk of electrical shock or equipment damage, do not allow liquid to enter the Wall Connector while cleaning it.
壁挂式连接器，40A 单相电流
安装手册
中国大陆地区和香港地区
产品规格
此文件中的所有规格和说明均由在打印时得到验证，以确保准确无误。但是，因为持续改善是 Tesla 的目标，我们保留随时进行修改的权利。

错误或遗漏
若你发现此手册中的不准确或遗漏之处，请发送电子邮件至：
ownersmanualfeedback@teslamotors.com。
中国大陆地区和香港地区

安装或使用壁挂式连接器前，请阅读此必备文件。若未阅读或未遵守此文件中的说明和警告，则会导致火灾、触电、严重伤害或死亡。

壁挂式连接器必须由正式注册的合格电工进行安装，并遵守管理电器及其安装、使用和维护的地方法规和条例。

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保存此类重要的安全说明

该文件包含安装和维护壁挂式连接器时需要遵守的重要说明和警告。

警告

该壁挂式连接器必须通过永久电线系统或设备接地导体进行接地。
请勿在易燃、易爆、粗糙或可燃材料、化学物或蒸汽附近安装或使用壁挂式连接器。
安装或清洁壁挂式连接器前，请关闭断路器上的输入电源。
仅按照指定的电源参数使用壁挂式连接器。
设计该壁挂式连接器仅供特斯拉车辆（不包括特斯拉跑车）充电。请勿将其用于其他目的或其他车辆或物体。
请勿将水或其他液体直接喷到安装在墙上的控制箱上。请勿将水喷到充电把手上或将充电把手浸在液体中。将充电把手存放于地面之上，以防止接触不必要的污染物或水汽。
若壁挂式连接器存在缺陷、出现裂痕、磨损、破裂或受到损坏或不能作业或持续运行，请停止使用或不要使用。
请勿试图拆卸、维修、擅自或改装壁挂式连接器。壁挂式连接器不是用户可维修的设备。若要进行任何维修或改装，请联络Tesl。
运输壁挂式连接器时，请务必小心谨慎。请勿使其承受强作用力或冲击力或拉动、扭曲、缠结、拖拽或踩踏壁挂式连接器，以防止其自身或组件受损。
请勿用锋利的金属物体（例如电线、工具或针）接触壁挂式连接器的末端。
请勿将任何部件用力折叠或对其施加压力或使用锋利的物体进行破坏。
请勿将异物插入壁挂式连接器的任何部件。若车辆在车辆上，则请勿使用壁挂式连接器。
使用壁挂式连接器会影响或损坏医疗或植入式电子设备的操作，例如植入式心脏起搏器或植入式心脏复律去纤颤器。使用壁挂式连接器前，请就充电对此类电子设备的影响向电子设备制造商进行咨询。

请注意

壁挂式连接器的错误安装和测试会对车辆电池和/或壁挂式连接器本身带来潜在的损坏，导致的任何损坏均不属于《新车有限质量保证》和《壁挂式连接器有限质量保证》的保修范围。请勿在超出壁挂式连接器操作温度（-30°C - +45°C）的温度下操作壁挂式连接器。
请勿在超出壁挂式连接器的操作电压范围施加电压。请勿将壁挂式连接器的充电口放置在车辆内，因此其不会被踩踏、被压入、被挤压或受到损坏或压力。
请勿在超出壁挂式连接器的操作电压范围施加电压。请勿将壁挂式连接器的充电口放置在车辆内，因此其不会被踩踏、被压入、被挤压或受到损坏或压力。
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壁挂式连接器的最大额定功率为 10 kW 或在 220 V 电压下的电流为 40 amps。您的车辆可在 180 - 265 V 电压下充电。

<table>
<thead>
<tr>
<th>电压和电线</th>
<th>220V 单相交流电：火线、中性线和接地</th>
</tr>
</thead>
<tbody>
<tr>
<td>电流</td>
<td>最大为 50A 断路器</td>
</tr>
<tr>
<td>频率</td>
<td>50 Hz</td>
</tr>
<tr>
<td>电缆长度</td>
<td>约 7.6m</td>
</tr>
<tr>
<td>壁挂式连接器尺寸</td>
<td>高度：385 mm</td>
</tr>
<tr>
<td></td>
<td>宽度：157 mm</td>
</tr>
<tr>
<td></td>
<td>深度：100 mm</td>
</tr>
<tr>
<td>支架尺寸</td>
<td>高度：382 mm</td>
</tr>
<tr>
<td></td>
<td>宽度：158.2 mm</td>
</tr>
<tr>
<td></td>
<td>深度：96 mm</td>
</tr>
<tr>
<td>重量（包括支架）</td>
<td>9 kg</td>
</tr>
<tr>
<td>工作温度</td>
<td>-30°C - 45°C</td>
</tr>
<tr>
<td>存放温度</td>
<td>-50°C - 85°C</td>
</tr>
<tr>
<td>外壳防护等级</td>
<td>IP 44</td>
</tr>
<tr>
<td>机构认证</td>
<td>CE</td>
</tr>
</tbody>
</table>
特性

可选电路等级
为快速充电，建议使用额定电流为 50 amps 的断路器。

自我监控和恢复
壁挂式连接器设有接地监控电路，其持续检查是否进行安全的接地连接并自动从故障中恢复。不要求手动测试和重新设置。
接地故障或电网功率骤增等临时问题均可自动解决。若出现影响充电的接地故障，断路器将会自动尝试消除故障并重新试图充电。
若再次立即感应到该问题，则壁挂式连接器会尝试充电但会等待 15 分钟。若该流程重复八次，若所有尝试均失败，则会断电且不再进行其他尝试。在此情况下，前面板上的红色错误指示灯将会亮起（参阅第 15 页中的故障诊断表）。建议在您看到红色错误指示灯时，可通过关闭断路器来关闭壁挂式连接器，然后将其再次打开。

电力中断
若出现电力中断的情况，则壁挂式连接器会在电力恢复后自动恢复充电。若在电力恢复后将充电电缆插入车辆，灯会闪烁且装置在约 15 秒至 3 分钟内不会激活充电电缆。这避免公共电网在电力恢复后出现功率骤增的情况，以随机的方式（而非突然）让车辆开始充电。
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警告：壁挂式连接器是单相设备。请勿连接三相电源。

警告：安装壁挂式连接器前，请确定可用的现场电网供电连接类型。若您不确定维修面板上的连接类型是否可用，请咨询当地电网公司或联络Tesla以请求援助。

注意：线路连接必须测量至中性线的220V输出功率，壁挂式连接器必须与接地相连。

针对大多数50A的分支电路，请使用至少为16mm²、75°C的铜线。接地电线至少应为10mm²。

若接地电线与总线不符，请使用接地螺帽或其他适用的连接方法。

请在墙体立柱左侧运行32mm的金属管和阻燃管。导管与壁挂式连接器背部或左侧的开口相符，如第8页中所述。

连接电线和中性线时，必须小心谨慎，以清楚地知道服务变压器的二次连接以及主断路器面板上的三根电线已得到正确连接和标识。提供的插图显示中国最常用的电线格式。

注意：插图中标示的火线、零线和地线输出与壁挂式连接器的输出相符。

接地连接

切记将维修面板上的地线连接至地面。若接地线未与地面相连，则不可进行接地故障保护。

若不能进行接地保护，您必须在附近安装接地桩。必须将接地桩与主断路器面板上的接地棒相连。

警告：安装接地桩时，请遵守当地的电力法规。

重要提示！拨动开关4必须设置在1（左侧）位置处。参阅第11页。

插座线 - 单相
所需工具
安装壁挂式连接器前，请确保拥有以下工具:
- 铅笔或标识器
- 电钻和 8 mm 钻头
- T20 梅花起子
- 32 mm 的孔锯
- 尖刀或剃刀
- 十字螺丝刀
- 剥线器
- 带 8 mm 和 17 mm 套筒且延伸长度至少为 50mm 的棘轮扳手
- 伏特计或数字万用表 （用于测量现场的交流电源）

步骤简介
使用 32 mm 金属管和阻燃管将供电电线送到所需安装位置（参阅第 4 页至第 4 页）并安装正确的断路器后，请关闭电源。之后，按照以下步骤安装壁挂式连接器：
1. 检查箱内物品（参阅第 6 页）。
2. 安装壁挂支架（参阅第 7 页）。
3. 准备安装（参阅第 8 页）。
4. 安装到墙上（参阅第 9 页）
5. 连接电线（参阅第 10 页）
6. 设置工作电流（参阅第 11 页）
7. 确认是否正确安装（参阅第 12 页）
8. 固定罩子并通电（参阅第 13 页）
9. 安装电缆保护器（参阅第 14 页）
除了该《安装指南》外，包装箱中含有以下组件。若组件受损或丢失，请联络 Tesla。

- 壁挂式连接器总成
- 安装支架
- M10 方头螺钉和垫圈 (2)
- 地线
- M6 法兰螺钉 (2)
- 电缆保护器、支架、两个螺钉和两个墙锚
步骤2 - 安装壁挂支架

您可将32 mm金属管和阻燃管插入壁挂式连接器主外壳的后部或左侧。无论您使用哪个导管开口，切记在墙体立柱左侧操作导管。若要获取尺寸，请参阅下方插图。

确定在何处安装壁挂式连接器时，请谨记在未张紧任何一端的情况下，7.6 m充电电缆易于到达车辆的充电端口。

1. 将安装支架作为指导，以在墙上标记两个安装螺钉的位置。
   - 孔之间恰好相隔214 mm。

2. 在墙上钻出两个8 mm的孔。

3. 使用墙体材料支持的紧固件固定壁挂支架。只要安装到实木的墙体立柱上，就使用提供的方头螺钉。若要安装到其他类型的墙体上（空心、砌石等），请使用足够的紧固件牢牢固定壁挂式连接器，其至少可支撑36 kg。
步骤 3 - 准备安装

1. 使用 T20 梅花起子从壁挂式连接器底部拆除两个安全螺钉。

2. 通过向内拉动到一定长度来谨慎地松开前罩，以断开带状电缆。从主外壳内部断开带状电缆，以完全松开前罩。
   - **注意：拆卸前罩时，请勿损坏带状电缆。**
   - 完全松开前罩前，请断开带状电缆。

3. 从端子板上断开接地线并将其推出，以避免在完成下一步骤时使其受损。

4. 使用 32 mm 孔锯从连接器的侧面或后部拆卸接电缺口。
   - **注意：使用孔锯时，请勿破坏内部组件，若使用侧边缺口，请将孔锯放倒斜进孔的中间位置并钻通所有层。钻通后，请使用尖刀或剃刀切除并拆卸橡胶模塑，如橡胶中的压痕所示。**

5. 将接地线连接至端子板。

中国大陆地区和香港地区
步骤 4 - 安装到墙上

1. 将连接器放到安装支架上的螺栓上方，如下图所示。

2. 固定接地线，如下图所示。

3. 使用提供的法兰螺钉将连接器固定到支架上。使用棘轮扳手和 8 mm 套筒进行紧固，直至固定到位。
步骤 5 - 连接电线

注意：针对大多数 50A 的分支电路，请使用至少为 16 mm²、75°C 的铜线。

警告：阅读并完全了解此文件第 4 页的供电电线说明前，请勿连接供电电线。若您不确定维修面板上的电源类型是否可用，请咨询当地电网的公司或联络 Tesla 以请求援助。

1 关闭电源。

警告：小心触电！连接电线前，请使用伏特计确认供电电线或终端没有通电。

2 将供电电线拉进壁挂式连接器。若使用集线器，在将集线器连接到外壳前，请先将导管与其相连。

3 剥开三根 10 mm 电线。

4 将电线连接到端子板上。将火线 L1 接到黑色端子，将零线 N/L2 接到红色端子，将绿色的地线接到两个接地端子中的任意一个，如图所示。

注意：切断电线脉冲并将其完全插入端子板。

注意：接地电线至少应有 10 mm²。为确保正确运行，请验证零线是否与断路器盒内部或主配电板上的零线点相连。

5 将 L1 和 L2 螺钉拧紧至 3.5 - 5.6 Nm，这取决于线规。按以下标准拧紧接地螺钉：

<table>
<thead>
<tr>
<th>线规 AWG（铜线）</th>
<th>扭矩 (Nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-5 mm²</td>
<td>2.3</td>
</tr>
<tr>
<td>8 mm²</td>
<td>2.8</td>
</tr>
<tr>
<td>13-21 mm²</td>
<td>3.5</td>
</tr>
<tr>
<td>两根 2-3 mm²</td>
<td>2.8</td>
</tr>
</tbody>
</table>
步骤 6 - 设置工作电流

调节指拨开关，以设置工作电流。使用塑料笔等带尖端的非导电物体。

⚠️ 警告：设置或更改指拨开关前，必须将电源保持关闭状态。若您在通电状态下设置指拨开关，不仅因为可能触电而存在危险，而且所做的更改也不会得到认可。

根据所使用的断路器类型调节工作电流：

<table>
<thead>
<tr>
<th>断路器额定电流 (Amps)</th>
<th>为车辆提供的最大电流 (Amps)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>40</td>
</tr>
<tr>
<td>40</td>
<td>32</td>
</tr>
<tr>
<td>20</td>
<td>16</td>
</tr>
<tr>
<td>16</td>
<td>10</td>
</tr>
</tbody>
</table>

为确定您所需要的电气断路器类型，请检查配电板/断路器盒，以明确安装位置的可用电流量。
步骤 7 - 确认是否正确安装

1. 握住连接器附近的前罩时，请重新连接带状电缆。

2. 将前罩挂在连接器顶部的铰链上。请勿固定前罩。

3. 打开电源。

4. 将重置按钮按住 5 秒。该按钮位于壁挂式连接器的右下方。

您应听到触体关闭声并看到壁挂式连接器的灯持续显示绿色。
步骤 8 - 固定罩子并通电

1. 将前罩重新放到装置上方。将前罩背部的五个锁片与相应的插槽对齐。从底部开始并向上操作，紧紧按住前罩两侧，直至其完全嵌入。

2. 使用 T20 梅花起子，重新接上您在第 8 页的“步骤 3 - 准备安装”中从壁挂式连接器的底部拆卸的安全螺钉。

3. 打开电源。

4. 尝试为您的电动车充电，以确保壁挂式连接器正确运行并按照选定的工作电流进行充电。有关如何充电的说明，请参阅与车辆一同提供的车主信息。
所需零件
- 电缆保护器、支架、两个螺钉和两个墙锚 (在包装箱中)
- 铅笔或标识器
- 电钻和 5 mm 钻头
- 十字螺丝刀

安装步骤
1. 将电缆保护器支架作为指导，在墙上标记两个安装螺钉的位置。
   请注意：支架高度应确保充电连接器与地面相距不超过 122 cm。若在室内安装，最低高度为 46 cm；若在室外安装，最低高度为 61 cm。
   注意：如果在公共场所进行安装，应考虑适用于残疾人的法律、法规（例如《美国残疾人法案》）。
2. 在墙上钻两个 5 mm 的孔。
3. 将两个 Poly-Set 锚插入孔中，直到法兰齐平。
4. 使用提供的十字螺钉将支架固定到墙上。
   为确保螺钉稳固到位，将螺钉头装入支架后，再额外扭几圈。

<table>
<thead>
<tr>
<th>石膏板厚度</th>
<th>额外圈数</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 mm</td>
<td>7-9</td>
</tr>
<tr>
<td>13 mm</td>
<td>7-9</td>
</tr>
<tr>
<td>16 mm</td>
<td>5-7</td>
</tr>
<tr>
<td>19 mm</td>
<td>3-4</td>
</tr>
</tbody>
</table>

注意：关于使用锚和螺钉的详细信息，请参考包装箱中的《Poly-Set 安装说明》。
故障诊断

观察壁挂式连接器前部的灯，再使用下表排除故障。

<table>
<thead>
<tr>
<th>绿灯</th>
<th>红灯</th>
<th>含义</th>
<th>措施</th>
</tr>
</thead>
<tbody>
<tr>
<td>顶灯亮起</td>
<td>关闭</td>
<td>通电，壁挂式连接器已通电，但未进行充电。</td>
<td>确保已将壁挂式连接器插入汽车。</td>
</tr>
<tr>
<td>关闭</td>
<td>1 次闪烁</td>
<td>接地故障。电流通过潜在的不安全路径泄露。</td>
<td>这应在 15 分钟内自动重置。若未重置，请确保没有人接触汽车，再按重置按钮。</td>
</tr>
<tr>
<td>关闭</td>
<td>2 次闪烁</td>
<td>壁挂式连接器未通过内部自我检查。</td>
<td>从汽车上拔出壁挂式连接器并按重置按钮。将壁挂式连接器回插到汽车上，若错误仍然存在，请从汽车上拔出壁挂式连接器，关闭壁挂式连接器，再在将其回插到汽车前重新打开。</td>
</tr>
<tr>
<td>关闭</td>
<td>3 次闪烁</td>
<td>接触器故障。</td>
<td>从汽车上拔掉壁挂式连接器并等待 10 秒。若错误仍然存在，请联络 Tesla。</td>
</tr>
<tr>
<td>关闭</td>
<td>4 次闪烁</td>
<td>接地断开。</td>
<td>确保电源插座已正确接地。确保热的中性线插脚已正确连接。若不能确定，请询问电工。</td>
</tr>
<tr>
<td>关闭</td>
<td>5 次闪烁或更多</td>
<td>壁挂式连接器需要维修。</td>
<td>联络 Tesla。</td>
</tr>
</tbody>
</table>
务必确保在充电后，将充电电缆缠绕在壁挂式连接器上。
定期检查壁挂式连接器和充电电缆有无损坏。若发现损坏，请联络 Tesla。
壁挂式连接器不包含用户可维修的组件。若装置未正常运行，请联络 Tesla。
用干净的干布擦拭壁挂式连接器外部、充电电缆和充电电缆的连接器末端，以清除积聚的污垢和灰尘。

警告：清洁壁挂式连接器前，关闭断路器的输入电源。
警告：请勿使用清洁剂、去污粉或任何研磨性清洁壁挂式连接器，其充电电缆或车辆充电端口。
注意：为降低触电或设备故障风险，在清洁时，不得让液体进入壁挂式连接器。
產品規格

本文件中所含之所有規格與說明已於列印之時驗證，均準確無誤。但是，因 Tesla 致力於不斷改進，我們保留隨時修改產品之權利。

錯誤或遺漏

若要針對本手冊中的任何不正確或遺漏之處進行交流，請將電子郵件傳送至：ownersmanualfeedback@teslamotors.com.
重要提示！

安装或使用壁掛式連接器前，請通讀此必備文件。若未閱讀或未遵守此文件中的說明與警告，則會導致火災、觸電、嚴重傷害或死亡。

該壁掛式連接器必須由正式註冊的合格電工進行安裝，並遵守管理電器及其安裝、使用與維護的地方法規與條例。

安全資訊........................................................................................................................................................................1
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保存此類重要的安全說明

此文件包含安裝與維護壁掛式連接器時需要遵守的重要說明與警告。

警告

該壁掛式連接器必須通過永久電線系統或設備接地導體進行接地。

請勿在易燃、易爆、粗糙或可燃材料、化學物或蒸汽附近安裝或使用壁掛式連接器。

安裝或清潔壁掛式連接器前，請關閉斷路器上的輸入電源。

請按照指定的指令引數使用壁掛式連接器。

設計該壁掛式連接器僅供特斯拉車輛 (不包括 Tesla Roadster) 充電。請勿將其用於其他目的或其他車輛或物件。

請勿將水或其他液體直接噴到安裝在牆上的控制箱上。請勿將水噴到充電把手上或將充電把手浸在液體中。

若壁掛式連接器存在缺陷、出現裂痕、磨損、破裂或受到損壞或不能作業或持續運行，則請停止使用或不要使用。

請勿試圖拆卸、維修、搬弄或改裝壁掛式連接器。

運輸壁掛式連接器時，請務必小心謹慎。請勿使其承受強作用力或衝擊力或拉扯、扭曲、纏結、拖拽或踩踏壁掛式連接器。

請勿用鋒利的金屬物件（例如電線、工具或針）接觸壁掛式連接器的末端。

請勿將壁掛式連接器的任何部分用力折疊或對其施加壓力或使用鋒利的物件進行破壞。

請勿將異物插入壁掛式連接器的任何部件。

若車罩在車輛上，則請勿使用壁掛式連接器。

壁掛式連接器的誤誤安裝與測試會對車輛電池與/或壁掛式連接器本身帶來潛在的損壞，導致的任何損壞均不屬於《新車有限品質保證》與《壁掛式連接器有限品質保證》之保修範圍。請勿在超出壁掛式連接器操作範圍 (-30°C - +45°C) 的溫度下操作壁掛式連接器。

小心

壁掛式連接器的錯誤安裝與測試會對車輛電池與/或壁掛式連接器本身帶來潛在的損壞。導致的任何損壞均不屬於《新車有限品質保證》與《壁掛式連接器有限品質保證》之保修範圍。

壁掛式連接器的設計會影響或損壞醫療或植入式電子設備的操作，例如植入式心臟起搏器或植入式心電復律去纖顫器。使用壁掛式連接器前，請將電子設備的影響向電子設備製造商進行諮詢。
壁掛式連接器的最大額定功率為 10 kW 或在 220 V 電壓下的電流為 40 amps。您的車輛可在 180 - 265 V 電壓下充電。

| 電壓與電線 | 220V 單相交流電：線火線、中性線與接地 |
| 電流 | 最大為 50A 斷路器 |
| 頻率 | 50 Hz |
| 纜線長度 | 約 7.6 m |
| 壁掛式連接器尺寸 | 高度: 385 mm  
    寬度: 157 mm  
    深度: 100 mm |
| 支架尺寸 | 高度: 382 mm  
    寬度: 158.2 mm  
    深度: 96 mm |
| 重量 (包括支架) | 9 kg |
| 工作溫度 | -30°C - 45°C |
| 存放溫度 | -50°C - 85°C |
| 外殼防護等級 | IP 44 |
| 機構認證 | CE |
功能

可選電路等級

為快速充電，建議使用額定電流為 50 amps 的斷路器。

自我監控與恢復

壁掛式連接器設有接地監控電路，其持續檢查是否進行安全的接地連接並自動從故障中恢復。不要求手動測試與重新設定。

接地故障或電網功率驟增等臨時問題均可自動解決。若出現影響充電的接地故障斷路器故障，則壁掛式連接器會自動嘗試消除故障並重新試圖充電。

若再次立即感應到該問題，則壁掛式連接器會在電力恢復後自動恢復充電。若在電力恢復後將充電纜線插入車輛，則燈會閃爍且裝置在約 15 秒至 3 分鐘內不會啟動充電線。這避免公共電網在電力恢復後出現功率驟增的情況，以隨機的方式（而非突然）讓車輛開始充電。

電力中斷

若出現電力中斷的情況，則壁掛式連接器會在電力恢復後自動恢復充電。若在電力恢復後將充電纜線插入車輛，則燈會閃爍且裝置在約 15 秒至 3 分鐘內不會啟動充電線。這避免公共電網在電力恢復後出現功率驟增的情況，以隨機的方式（而非突然）讓車輛開始充電。

若再次立即感應到該問題，則壁掛式連接器會在電力恢復後自動恢復充電。若在電力恢復後將充電纜線插入車輛，則燈會閃爍且裝置在約 15 秒至 3 分鐘內不會啟動充電線。這避免公共電網在電力恢復後出現功率驟增的情況，以隨機的方式（而非突然）讓車輛開始充電。
警告：壁掛式連接器是單相設備。請勿連接 3 相連的 3 個所有相。

警告：安裝壁掛式連接器前，請確定可用的現場電力設施供電連接類型。若您不確定維修面板上的連接類型是否可用，請諮詢當地電網公司或聯繫 Tesla 以請求援助。

小心：線路連接必須測量至中性線的 220V 輸出功率，壁掛式連接器必須與接地相連。

針對大多數 50A 的分支電路，請使用至少 13 mm²、75°C 的銅線。接地電線至少應為 10 mm²。若接地電線與匯流排不符，請使用接線螺帽或其它適用的連接方法。

請在牆體立柱左側放置 32 mm 的導管。導管與壁掛式連接器背部或左側的開口相符，如第 8 頁中所述。

連接電線與中性線時，必須小心謹慎，以清楚地知道服務變壓器的二次連接以及主斷路器面板上的三根電線已得到正確連接與標示。提供的插圖顯示中國最常用的電線格式。

附註：插圖中標示的火線、零線與地線輸出與壁掛式連接器的輸出相符。

接地連接

切記將維修面板上的接地線連接至地面。若接地線未與地面相連，則不可進行接地故障保護。

若不能進行接地保護，您必須在附近安裝接地樁。必須將接地樁與主斷路器面板上的接地棒相連。

警告：安裝接地樁時，請遵守當地的電力法規。

重要提示：指撥開關 4 必須設定在 1（左側）位置處。參閱第 11 頁。
所需工具

安装壁挂式连接器前，请确保拥有以下工具：

- 铅笔或标识器
- 电钻与 8 mm 钻头
- T20 梅花起子
- 32 mm 一字锯
- 尖刀或割刀
- 十字螺丝刀
- 削线器
- 8 mm 與 17 mm 套筒且延伸長度至少為
- 50 mm 的棘轮扳手
- 电压计或数位万用表（用于测量现场的交流电源）

步骤概览

使用 32 mm 金属管与阻燃管将供电电线送到所需安装位置（参阅第 4 页至第 4 页）并安装正确的断路器之后，请关闭电源。之后，按照以下步骤安装壁挂式连接器：

1. 检查箱内物品（参阅第 6 页）。
2. 安装壁挂支架（参阅第 7 页）。
3. 准备安装（参阅第 8 页）。
4. 安装到墙上（参阅第 9 页）。
5. 连接电线（参阅第 10 页）。
6. 设定工作电流（参阅第 11 页）。
7. 确认是否正确安装（参阅第 12 页）。
8. 固定罩子并通电（参阅第 13 页）。
9. 安装缆线保护器（参阅第 14 页）。

《壁挂式连接器安装指南》
除該《安裝指南》外，包裝箱中含有以下元件。若元件受損或丢失，請聯絡 Tesla。

壁掛式連接器組件 安裝支架

壁掛式連接器組件 安裝支架

M10 方頭螺釘與 垫圈 (2)
接地線

M6 法蘭螺 釘 (2)
繆線保護器、支架、兩個螺釘和兩個牆錨

中國大陸地區和香港地區
步驟 2 - 安裝壁掛支架

您可將 32 mm 金屬管與阻燃管插入壁掛式連接器主外殼的後部或左側。無論您使用哪個導管開口，切記在牆體立柱左側操作導管。若要獲取尺寸，請參閱下方插圖。

確定在何處安裝壁掛式連接器時，請謹記在未張緊任何一端的情況下，7.6 m 充電纜線易於到達車輛的充電連接埠。

1. 將安裝支架作為指導，以在牆上標記兩個安裝螺釘的位置。
   • 將孔之間恰好相隔 214 mm。

2. 在牆上鑽出兩個 8 mm 的孔。

3. 使用牆體材料支援的緊固件固定壁掛支架。一旦安裝到實木的牆體立柱上，就使用提供的方頭螺釘。若要安裝到其他類型的牆體（空心、砌石等），請使用足夠長的緊固件牢牢固定壁掛式連接器，其至少可支撐 36 kg。

支架高度應確保充電連接器與地面最多相距 122 cm。若在室內安裝，最小高度為 46 cm；若在室外安裝，最小高度為 61 cm。
步驟 3 - 準備安裝

1. 使用 T20 梅花起子從壁掛式連接器底部拆卸兩個安全螺釘。

2. 透過向內拉動到一定長度來謹慎地鬆開前罩，以斷開帶狀纜線。從主外殼內部斷開帶狀纜線，以完全鬆開前罩。
   小心：拆卸前罩時，請勿損壞帶狀纜線。
   完全鬆開前罩前，請斷開帶狀纜線。

3. 從端子板上斷開接地線並將其推出，以避免在完成下一步時使其受損。

4. 使用 32 mm 孔鋸從連接器的側面或後部拆卸接電缺口。
   小心：使用孔鋸時，請勿損壞內部元件。
   若使用側面缺口，請將孔鋸放到縮進孔的中間位置並鑽通所有層。鑽通後，請使用尖刀或剃刀切除並拆卸橡膠模塑，如橡膠中的壓痕所示。

附註：安裝至基架時或在牆後使用電線時，請使用背部缺口。

5. 將接地線連接至端子板。
步骤 4 - 安装到墙上

1. 将连接器放到安装支架上的螺栓上方，如下图所示。
2. 固定接地线，如下图所示。
3. 使用提供的法兰螺钉将连接器固定到支架上，使用棘轮扳手与 8 mm 套筒进行紧固，直至固定到位。
附注：針對大多數 50A 的分支電路，請使用 16 mm²、75°C 的銅線。

警告：閱讀並完全理解第 4 頁的供電電線說明前，請勿連接供電電線。若您不確定維修面板上的電源類型是否可用，請諮詢當地電網的公司或聯絡 Tesla 以請求援助。

1. 關閉電源。
   警告：小心觸電！連接電線前，請使用電壓計確認供電電線或終端沒有通電。

2. 將供電電線拖進掛壁式連接器。若使用集線器，在將集線器連接到外殼前，請先將導管與其相連。

3. 剝開三根 10 mm 電線。

4. 將電線連接到端子板上。將火線 L1 接到黑色端子，將零線 N/L2 接到紅色端子，將綠色的地線接到兩個接地端子中的任意一個，如圖所示。
   小心：切斷電線脈衝並將其完全插入端子板。

附註：接地電線至少應為 10 mm²。為確保正確運行，請確認零線是否與斷路器盒內部或主配電板上的零線點相连。

5. 將 L1 與 L2 螺釘擰緊至 3.5 - 5.6 Nm，這取決於線規。按以下標準揹緊接地螺釘：

<table>
<thead>
<tr>
<th>線規 AWG（銅線）</th>
<th>扭矩 (Nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-5 mm²</td>
<td>2.3</td>
</tr>
<tr>
<td>8 mm²</td>
<td>2.8</td>
</tr>
<tr>
<td>13-21 mm²</td>
<td>3.5</td>
</tr>
<tr>
<td>兩根 2-3 mm²</td>
<td>2.8</td>
</tr>
</tbody>
</table>
步驟 6 - 設定工作電流

調節指撥開關，以設定工作電流。使用塑膠筆等帶尖端的非導電物件。

警告：設定或更改指撥開關前，必須將電源保持關閉狀態。若您在通電狀態下設指撥開關，不僅因為可能觸電而存在危險，而且所做的更改也不會得到認可。

設定

斷路器

根據所使用的斷路器類型調節工作電流；

<table>
<thead>
<tr>
<th>斷路器額定電流 (Amps)</th>
<th>為車輛提供的最大電流 (Amps)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>40</td>
</tr>
<tr>
<td>40</td>
<td>32</td>
</tr>
<tr>
<td>20</td>
<td>16</td>
</tr>
<tr>
<td>16</td>
<td>10</td>
</tr>
</tbody>
</table>

為確定您所需的電氣斷路器類型，請檢查電池 / 斷路器盒，以明確安裝位置的可用電流量。
步驟 7 - 確認是否正確安裝

1. 握住連接器附近的前罩時，請重新連接其帶狀纜線。

2. 將前罩掛在連接器頂部的铰鏈上。請勿固定前罩。

3. 打開電源。

4. 將重置按鈕按住 5 秒。該按鈕位於壁掛式連接器的右下方。

您應聽到觸點關閉聲並看到壁掛式連接器的燈持續顯示綠色。
步驟 8 - 固定罩子並通電

1. 將前罩重新放到裝置上方，將前罩背部的五個鎖片與相應的插槽對齊。從底部開始並向上操作，緊緊按住前罩兩側，直至其完全嵌入。

2. 使用 T20 梅花起子，重新按上您在第 8 頁上的 "步驟 3 - 準備安裝 " 中從壁掛式連接器的底部拆卸的安全螺釘。

3. 打開電源。

4. 嘗試為您的電動車充電，以確保壁掛式連接器正確運行並按照選定的工作電流進行充電。有關如何充電的說明，請參閱與車輛一同提供的車主資訊。
所需零件
- 纜線保護器、支架、兩個螺釘和兩個牆鈕（在包裝箱中）
- 鉛筆或標識器
- 電鑽和 5 mm 鑽頭
- 十字螺絲刀

安裝步驟
1. 將纜線保護器支架作為指導，在牆上標記兩個安裝螺釘的位置。
   附註：支架高度應確保充電連接器與地面相距不超過 122 cm。若在室內安裝，最低高度為 46 cm；若在室外安裝，最低高度為 61 cm。
   * 注意：如果在公共場所進行安裝，應考慮適用於殘疾人的法律、法規（例如《美國殘疾人法案》）。
2. 在牆上鑽出兩個 5 mm 的孔。
3. 將兩個 Poly-Set 鍵插入孔中，直到法蘭齊平。
4. 使用提供的十字螺釘將支架固定到牆上。

為確保螺釘固定到位，將螺釘頭裝入支架後，再額外扭幾圈。

<table>
<thead>
<tr>
<th>石膏板厚度</th>
<th>額外圈數</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 mm</td>
<td>7-9</td>
</tr>
<tr>
<td>13 mm</td>
<td>5-7</td>
</tr>
<tr>
<td>16 mm</td>
<td>3-4</td>
</tr>
<tr>
<td>19 mm</td>
<td>1-2</td>
</tr>
</tbody>
</table>

附註：關於使用鍵和螺釘的詳細資訊，請參考包裝箱中的《Poly-Set 安裝說明》。
## 疑難排解

觀察壁掛式連接器前部的燈，再使用下表排除故障。

<table>
<thead>
<tr>
<th>綠燈</th>
<th>紅燈</th>
<th>含義</th>
<th>措施</th>
</tr>
</thead>
<tbody>
<tr>
<td>頂燈亮起</td>
<td>關閉</td>
<td>通電，壁掛式連接器已通電，但未進行充電。</td>
<td>確保已將壁掛式連接器插入汽車。</td>
</tr>
<tr>
<td>關閉</td>
<td>1次閃爍</td>
<td>接地故障。電流透過潛在的不安全路徑洩露。</td>
<td>這應在15分鐘內自動重設。若未重設，請確保沒有人接觸汽車，再按重置按鈕。</td>
</tr>
<tr>
<td>關閉</td>
<td>2次閃爍</td>
<td>壁掛式連接器未通過內部自我檢查。</td>
<td>從汽車上拔出壁掛式連接器並按重置按鈕。將壁掛式連接器回插到汽車上，若錯誤仍然存在，請從汽車上拔出壁掛式連接器，關閉壁掛式連接器，再在将其回插到汽車前重新打開。</td>
</tr>
<tr>
<td>關閉</td>
<td>3次閃爍</td>
<td>接觸器故障。</td>
<td>從汽車上拔掉壁掛式連接器並等待10秒。若錯誤仍然存在，請聯絡Tesla。</td>
</tr>
<tr>
<td>關閉</td>
<td>4次閃爍</td>
<td>接地斷開。</td>
<td>確保電源插座已正確接地。確保熱的中性線插腳已正確連接。若不能確定，請詢問電工。</td>
</tr>
<tr>
<td>關閉</td>
<td>5次閃爍或更多</td>
<td>壁掛式連接器需要維修。</td>
<td>聯絡Tesla。</td>
</tr>
</tbody>
</table>
務必確保在充電後，將充电線纜繞在壁掛式連接器上。
定期檢查壁掛式連接器與充電線纜有無損壞。若發現損壞，請聯絡 Tesla。
壁掛式連接器不包含使用者可維修的元件。若裝置未正常運行，請聯絡 Tesla。
用乾淨的幹布擦拭壁掛式連接器外部、充電線纜與充電纜線的連接器末端，以清除積聚的髒汙與灰塵。
警告：清潔壁掛式連接器前，請關閉斷路器的輸入電源。
警告：請勿使用清潔劑、去污粉或任何研磨墊清潔壁掛式連接器、其充電纜線或車輛充電連接埠。
小心：為降低觸電或設備故障風險，在清潔時，不得讓液體進入壁掛式連接器。
PRODUCT SPECIFICATIONS

All specifications and descriptions contained in this document are verified to be accurate at the time of printing. However, because continuous improvement is a goal at Tesla, we reserve the right to make product modifications at any time.

ERRORS OR OMISSIONS

To communicate any inaccuracies or omissions in this manual, please send an email to: ownersmanualfeedback@teslamotors.com.
<table>
<thead>
<tr>
<th>Table of Contents</th>
</tr>
</thead>
</table>

**IMPORTANT!** READ THIS ENTIRE MANDATORY DOCUMENT BEFORE INSTALLING OR USING THE WALL CONNECTOR. FAILURE TO DO SO OR TO FOLLOW ANY OF THE INSTRUCTIONS AND WARNINGS IN THIS DOCUMENT CAN RESULT IN FIRE, ELECTRICAL SHOCK, SERIOUS INJURY OR DEATH.

**THE WALL CONNECTOR MUST BE INSTALLED BY A DULY REGISTERED AND QUALIFIED ELECTRICIAN, AND IN ACCORDANCE WITH LOCAL REGULATIONS AND ORDINANCES GOVERNING ELECTRICAL APPLIANCES AND THEIR INSTALLATION, USE, AND MAINTENANCE.**

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SAFETY INFORMATION

SAVE THESE IMPORTANT SAFETY INSTRUCTIONS

This document contains important instructions and warnings that must be followed when installing and maintaining the Wall Connector.

WARNINGS

- The Wall Connector must be grounded through a permanent wiring system or an equipment grounding conductor.
- Do not install or use the Wall Connector near flammable, explosive, harsh, or combustible materials, chemicals, or vapors.
- Turn off input power at the circuit breaker before installing or cleaning the Wall Connector.
- Use the Wall Connector only within the specified operating parameters.
- The Wall Connector is designed only for charging a Tesla vehicle (excluding Tesla Roadster). Do not use it for any other purpose or with any other vehicle or object.
- Never spray water or any other liquid directly at the wall mounted control box. Never spray any liquid onto the charge handle or submerge the charge handle in liquid. Store the charge handle above the ground to prevent unnecessary exposure to contamination or moisture.
- Stop using and do not use the Wall Connector if it is defective, appears cracked, frayed, broken, or otherwise damaged, or fails to operate, or continue operation.
- Do not attempt to disassemble, repair, tamper with, or modify the Wall Connector. The Wall Connector is not user serviceable. Contact Tesla for any repairs or modification.
- When transporting the Wall Connector, handle with care. Do not subject it to strong force or impact or pull, twist, tangle, drag, or step on the Wall Connector, to prevent damage to it or any components.
- Do not touch the Wall Connector's end terminals with sharp metallic objects, such as wire, tools, or needles.
- Do not forcefully fold or apply pressure to any part of the Wall Connector or damage it with sharp objects.
- Do not insert foreign objects into any part of the Wall Connector.
- Do not use the Wall Connector when a vehicle cover is on the vehicle.
- Use of the Wall Connector 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 your electronic device manufacturer concerning the effects that charging may have on such electronic devices before using the Wall Connector.

CAUTIONS

- Incorrect installation and testing of the Wall Connector could potentially damage either the vehicle’s Battery and/or the Wall Connector itself. Any resulting damage is excluded from New Vehicle Limited Warranty and the Wall Connector Limited Warranty.
- Do not operate the Wall Connector in temperatures outside its operating range of -30°C to -45°C.
- Ensure that the Wall Connector’s charging cable is positioned so it will not be stepped on, driven over, tripped on, or subjected to damage or stress.
- Do not use cleaning solvents to clean any of the Wall Connector’s components. The outside of the Wall Connector, the charging cable, and the connector end of the charging cable should be periodically wiped with a clean dry cloth to remove accumulation of dirt and dust.
- Be careful not to damage the circuit board when removing the power entry knock-out.
The maximum rating for the Wall Connector is 10 kW or 40 amps at 240 volts. Your vehicle can charge from 180 to 265 volts.

<table>
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<tr>
<th>Specifications</th>
<th></th>
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<tr>
<td><strong>Voltage and Wiring</strong></td>
<td>240V AC single-phase: LINE, NEUTRAL, and EARTH</td>
</tr>
<tr>
<td><strong>Current</strong></td>
<td>Maximum 50A circuit breaker</td>
</tr>
<tr>
<td><strong>Frequency</strong></td>
<td>50 -60 Hz</td>
</tr>
<tr>
<td><strong>Cable Length</strong></td>
<td>Approximately 7.6 m</td>
</tr>
<tr>
<td><strong>Wall Connector Dimensions</strong></td>
<td>Height: 385 mm</td>
</tr>
<tr>
<td></td>
<td>Width: 157 mm</td>
</tr>
<tr>
<td></td>
<td>Depth: 100 mm</td>
</tr>
<tr>
<td><strong>Bracket Dimensions</strong></td>
<td>Height: 382 mm</td>
</tr>
<tr>
<td></td>
<td>Width: 158.2 mm</td>
</tr>
<tr>
<td></td>
<td>Depth: 96 mm</td>
</tr>
<tr>
<td><strong>Weight (including bracket)</strong></td>
<td>9 kg</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>-30°C to 45°C</td>
</tr>
<tr>
<td><strong>Storage Temperature</strong></td>
<td>-50°C to 85°C</td>
</tr>
<tr>
<td><strong>Enclosure Rating</strong></td>
<td>IP 44</td>
</tr>
<tr>
<td><strong>Agency Approvals</strong></td>
<td>CE</td>
</tr>
</tbody>
</table>
FEATURES

OPTIONAL CIRCUIT RATINGS
For the fastest charging, using a circuit breaker rated for 50 amps is recommended.

SELF-MONITORING AND RECOVERY
The Wall Connector has a ground monitoring circuit that continuously checks for the presence of a safe ground connection and automatically recovers from faults. Manual testing and resetting is not required. Temporary problems such as ground faults or utility power surges are overcome automatically. If a GFCI fault occurs that interrupts charging, the Wall Connector automatically tries to clear the fault and re-attempt charging.

If the problem is immediately sensed a second time, the Wall Connector waits 15 minutes before trying to charge. This process repeats eight times and if all attempts are unsuccessful, power is removed and no further attempts are made. In this case, a red error light lights up on the front panel (refer to the troubleshooting table on page 15). It is recommended that when you see a red error light, you power off the Wall Connector by switching off the circuit breaker, and then power it back on again.

POWER OUTAGES
If a power outage occurs, the Wall Connector automatically resumes charging when power is restored. If the charging cable is plugged into the vehicle when power is restored, the lights blink and the unit does not energise the charging cable for approximately 15 seconds to 3 minutes. This prevents the utility grid from experiencing a large surge when power is restored, allowing vehicles to begin drawing current at random times, rather than all at once.
WARNING: The Wall Connector is a single-phase device. Do not connect all 3 phases of a 3-phase feed.

WARNING: Before installing the Wall Connector, identify the type of utility service connection available on site. If you are unsure about the type of connection available at the service panel, consult the local utility company, or contact Tesla for assistance.

CAUTION: The line connection must measure 240V RMS to neutral. Earth must also be connected to the Wall Connector. Conduit fits into the opening on either the back or the left side of the Wall Connector as described on page 8.

The illustrations provided below shows the most commonly used wiring format.

**Ground (Earth) Connection**
Always connect the earth line at the service panel to earth. Ground fault protection is not possible unless the earth line is connected to earth.

If an earth connection is not available, you must run an Earth from the switchboard to the Wall Connector.

WARNING: Always follow local electrical codes.

**Diagram:**
- LINE
- 240V
- NEUTRAL
- EARTH

**IMPORTANT!** Dip switch 4 must be set to the 1 (left) position. See page 11.

NOTE: The line, neutral, and earth outputs labeled on the illustrations correspond to the inputs on the Wall Connector.
Installation Overview

TOOLS REQUIRED
Before installing the Wall Connector, ensure you have the following tools:
- Pencil or marker
- Drill and 8 mm drill bit
- T20 torx driver
- Hole saw, 32 mm
- Sharp knife or razor
- Phillips screwdriver
- Wire stripper
- Ratchet wrench with 8 mm and 17 mm sockets, and a 50 mm minimum extension
- Voltmeter or digital multimeter (to measure AC power at the site)

OVERVIEW OF STEPS
After running service wiring to the desired installation location, (see pages 4 through 4), and installing the appropriate circuit breaker, TURN OFF THE POWER SUPPLY. Then follow these steps to install the Wall Connector:
1. Check box contents (see page 6)
2. Install wall bracket (see page 7)
3. Prepare for installation (see page 8)
4. Mount on wall (see page 9)
5. Connect wiring (see page 10)
6. Set the operating current (see page 11)
7. Confirm a successful installation (see page 12)
8. Secure cover and power up (see page 13)
9. Install the cable hanger (see page 14)
Step One - Check Box Contents

In addition to this Installation Guide, the shipping box contains the following components. If any components are damaged or missing, contact Tesla.

- Wall Connector assembly
- Mounting bracket
- M10 lag screws and washers (2)
- Earth wire
- M6 flange screws (2)
- Cable Hanger
- Cable Hanger Bracket
- Cable Hanger Screws, Anchors, and Washers (2 each)
Step Two - Install Wall Bracket

You can run conduit into either the back or the left side of the Wall Connector’s main enclosure. Regardless of the conduit opening you use, always run the conduit on the left side of a wall stud. Refer to the illustration below for dimensions.

When determining where to mount the Wall Connector, keep in mind that its 7.6 m charge cable should easily reach the vehicle’s charging port without straining the connections at either end.

1. Use the mounting bracket as a guide to mark the location on the wall for the two mounting screws.
   - Space the holes exactly 2 1/4 mm apart.

2. Drill two 8 mm holes in the wall.

3. Attach the wall bracket using fasteners appropriate for the type of wall material. Use the supplied lag screws and washers only if mounting to a solid wooden wall stud. If mounting to another type of wall (hollow, masonry, etc.), use fasteners that are long enough to securely anchor the Wall Connector and that can support at least 36 kg.

- The height of the bracket should ensure that the charging connector is located at a maximum of 1.2 m from floor level. The minimum height is 46 cm if mounting indoors, and 61 cm if mounting outdoors.
Step Three - Prepare for Installation

1. Using a T20 Torx driver, remove the two security screws from the bottom of the Wall Connector.

2. Release the front cover carefully by pulling it towards you far enough to disconnect the ribbon cable. Disconnect the ribbon cable from inside the main enclosure to fully release the front cover.
   CAUTION: When removing the front cover, do not damage the ribbon cable. Disconnect the ribbon cable before fully releasing the front cover.

3. Disconnect the Earth wire from the terminal block and push it out of the way to avoid damaging it when completing the next step.

4. Use a 32 mm hole saw to remove the power entry knock-out from either the side or back of the connector.
   CAUTION: When using the hole saw, do not damage internal components.
   If using the side knock-out, center the hole saw at the indented hole and drill through all layers. After drilling, use a sharp knife or razor to cut and remove the rubber molding, as indicated by the indentations in the rubber.

   NOTE: Use the back knock-out when mounting to a pedestal or when running wires from behind a wall.

5. Reconnect the Earth wire to the terminal block.
Step Four - Mount on Wall

1. Position the connector over the bolts on the mounting bracket as shown below.
2. Attach the Earth wire, as shown below.
3. Use the supplied flange screws to fasten the connector onto the bracket. Use a ratchet wrench and 8 mm socket to tighten until snugly fitted.
Step Five - Connect Wiring

NOTE: For most branch circuits of 50A, use 16 mm², 75°C hard copper wire. Consult with your electrician to ensure wiring meets local regulations.

WARNING: Do not connect service wiring until you have read and fully understand page 4 in this document describing the service wiring. If you are uncertain about the type of power available at the service panel, consult your local utility, or contact Tesla for assistance.

1. Turn off the power.

WARNING: RISK OF ELECTRIC SHOCK! Before connecting the wiring, use a voltmeter to confirm that NO POWER is available at the service wiring or terminals.

2. Pull the service wiring into the Wall Connector.

3. Strip the three wires 10 mm.

4. Connect wiring to the terminal block. Connect Active to the L1 position, Neutral to the L2 position, and the green ground to one of the two available ground connectors, as shown.

CAUTION: Cut the wire strands flush and insert them fully into the terminal block.

NOTE: The Earth wire should be at least 6 mm. To ensure proper operation, verify that neutral is connected to the neutral line inside the circuit breaker box or the main electrical panel.

5. Tighten the L1 and L2 screws to 3.5 to 5.6 Nm depending on cable size. Tighten the ground screw as follows:

<table>
<thead>
<tr>
<th>Cable Size (hard copper)</th>
<th>Torque Nm</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-5 mm²</td>
<td>2.3</td>
</tr>
<tr>
<td>6-12 mm²</td>
<td>2.8</td>
</tr>
<tr>
<td>13-25 mm²</td>
<td>3.5</td>
</tr>
</tbody>
</table>
Step Six - Set the Operating Current

Adjust the DIP switches to set the operating current. Use a pointed non-conductive object such as a plastic pen.

**WARNING:** Power MUST remain off before setting or changing DIP switches. If you set DIP switches with the power on, not only is it dangerous because of the risk of electric shock, but the changes are not recognised.

**SETTINGS**

![Diagram of DIP switches]

**CIRCUIT BREAKER**

Adjust the operating current based on the type of circuit breaker being used:

<table>
<thead>
<tr>
<th>Circuit Breaker Rating (Amps)</th>
<th>Maximum Current Supplied to Vehicle (Amps)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>40</td>
</tr>
<tr>
<td>40</td>
<td>32</td>
</tr>
<tr>
<td>20</td>
<td>16</td>
</tr>
<tr>
<td>16</td>
<td>10</td>
</tr>
</tbody>
</table>

To determine the type of electrical breaker you need, examine the distribution panel/circuit breaker box to identify the amperage available at the installation site.
Step Seven - Confirm a Successful Installation

1. While holding the front cover near the connector, re-connect the ribbon cable.

2. Hang the front cover over the hinge located at the top of the connector. Do not secure the front cover yet.

3. Turn on the power.

4. Hold the RESET button for five seconds. This button is located on the lower right side of the Wall Connector.

You should hear the contacts close and see the Wall Connector's lights sequentially illuminate green.
1 Reposition the front cover over the unit, aligning the five tabs on the back of the front cover with their corresponding slots. Starting at the bottom and working upwards, press firmly on both sides of the front cover until it clicks into place.

2 Using a T20 torx driver, re-attach the two security screws that you removed from the bottom of the Wall Connector in “Step Three - Prepare for Installation” on page 8.

3 Turn on the power.

4 Attempt to charge the car to ensure the Wall Connector is operating correctly and charging at the selected operating current. For instructions on how to charge, refer to the owner information provided with your vehicle.
YOU WILL NEED

• Cable Hanger, bracket, two screws and two wall anchors (included in the shipping box)
• Pencil or marker
• Drill with 5 mm drill bit
• Phillips screwdriver

FOLLOW THESE STEPS

1 Use the Cable Hanger’s bracket as a guide to mark the location on the wall for the two mounting screws.

NOTE: The height of the bracket should ensure that the charging connector is located at a maximum of 1.2 metres from floor level. The minimum height is 46 cm if mounting indoors, and 61 cm if mounting outdoors.

CAUTION: If installing in a public location, consider laws and regulations that accommodate persons with disabilities.

2 Drill two 5 mm holes in the wall.

3 Insert the two Poly-Set anchors into the holes until their flanges are flush.

4 Use the supplied Phillips screws to secure the bracket to the wall.

To ensure the screws are secure, apply additional turns after the screw head is against the bracket.

<table>
<thead>
<tr>
<th>Plasterboard Thickness</th>
<th>Number of Additional Turns</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 mm</td>
<td>7-9</td>
</tr>
<tr>
<td>13 mm</td>
<td>5-7</td>
</tr>
<tr>
<td>16 mm</td>
<td>3-4</td>
</tr>
<tr>
<td>19 mm</td>
<td>1-2</td>
</tr>
</tbody>
</table>

NOTE: For more details on using the anchors and screws, refer to the Poly-Set Installation Instructions, included in the shipping box.

5 Slide the Cable Hanger onto the bracket as shown. If desired, you can insert the connector’s cable into the groove between the bracket and the Cable Hanger, as shown.
Observe the lights on the front of the Wall Connector, then use the following table to resolve a fault.

<table>
<thead>
<tr>
<th>Green Lights</th>
<th>Red Light</th>
<th>What It Means</th>
<th>What To Do</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top light on</td>
<td>Off</td>
<td>Power on. Wall Connector is powered, but not charging.</td>
<td>Make sure the Wall Connector is plugged into the car.</td>
</tr>
<tr>
<td>Off</td>
<td>1 flash</td>
<td>Ground fault. Electrical current is leaking through a potentially unsafe path.</td>
<td>This should automatically reset in 15 minutes. If not, make sure nobody is touching the car, then press the RESET button.</td>
</tr>
<tr>
<td>Off</td>
<td>2 flashes</td>
<td>The Wall Connector did not pass its internal self check.</td>
<td>Unplug the Wall Connector from the car and press the RESET button. Plug the Wall Connector back into the car. If the error persists, unplug the Wall Connector from the car, power off the Wall Connector, then power it back on again before plugging it back into the car.</td>
</tr>
<tr>
<td>Off</td>
<td>3 flashes</td>
<td>Contactor failed.</td>
<td>Unplug the Wall Connector from the car and wait 10 seconds. If the error persists, contact Tesla.</td>
</tr>
<tr>
<td>Off</td>
<td>4 flashes</td>
<td>Ground lost.</td>
<td>Make sure the power outlet is properly grounded. Make sure the hot and neutral pins are wired properly. If uncertain, ask your electrician.</td>
</tr>
<tr>
<td>Off</td>
<td>5 flashes or more</td>
<td>The Wall Connector requires servicing.</td>
<td>Contact Tesla.</td>
</tr>
</tbody>
</table>
Always ensure that after charging, the charging cable is wrapped around the Wall Connector.

Regularly inspect the Wall Connector and charging cable for signs of damage. If damage is found, contact Tesla.

The Wall Connector contains no user-serviceable components. If the unit is not operating correctly, contact Tesla.

Wipe the outside of the Wall Connector, the charging cable, and the connector end of the charging cable with a clean dry cloth to remove any accumulation of dust and dirt.

⚠️ WARNING: Turn off input power at the circuit breaker before cleaning the Wall Connector.

⚠️ WARNING: Do not use cleaning solvents, scouring powder, or any type of abrasive pad to clean the Wall Connector, its charging cable, or the vehicle’s charging port.

⚠️ CAUTION: To reduce the risk of electrical shock or equipment damage, do not allow liquid to enter the Wall Connector while cleaning it.