

# Supercharger Charge Post Installation Guide

Rev. 4.2



**Guide Review:** All construction partners must review the entirety of the Supercharger Charge Post Installation Guide prior to constructing a Tesla Supercharger site. All construction partners are required to procure all tools and material called for in this document.

**Supplemental Material:** The site-specific construction drawing set should be regarded as the primary document defining the construction specifications for all Supercharger Sites. The Supercharger Charge Post Installation Guide is meant to supplement the site-specific construction drawing set. If there is any conflicting information between the site-specific construction drawing set and the Supercharger Charge post Installation Guide, follow the construction drawings.

**Product Specifications:** All specifications and descriptions contained in this document are verified to be accurate at the time of publishing. However, continuous improvement is a goal at Tesla Motors, and Tesla therefore reserves the right to make product modifications at any time.

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#### Communications Regulations:

This device complies with Part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

**Important!** Changes or modifications to this product not authorized by Tesla could void the FCC compliance.

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**Certification Type Designations:** The Supercharger Charge Post Installation Guide is applicable to the following TUV-Certified Tesla Equipment:

CS-270-1A: Supercharger Charge Post with 5-pin Charge Handle

CS-270-1E: Supercharger Charge Post with 7-pin Charge Handle

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**Symbols:** The following symbols appear in the Supercharger Charge Post Installation Guide and on Tesla Supercharger Equipment:



#### Electrical Hazard

This symbol indicates live-hazardous electrical active parts inside or behind the barrier/door/guard.

The electrical hazard symbol can be found in several locations on Tesla Supercharger equipment including the front and rear access doors of the Supercharger cabinet.



#### Protective Earth

This symbol indicates the connecting points to be bonded to the protective earth conductor. Compliance with the installations requirements for protective earth conductors (PE) of applicable safety standards is essential to maintain the electrical safety of this product.

The protective earth symbol can be found in several locations on Tesla Supercharger equipment including the ground terminal block inside the Supercharger cabinet.

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#### Important Safety Information:

##### **Warnings:**



Superchargers must be grounded through a permanent wiring system and protective earth grounding electrode.

Do not install Superchargers near flammable, explosive, harsh, or combustible materials, chemicals, or vapors.

Turn off the power at the main breaker before working on any part of a Supercharger.

Install Superchargers only under operating parameters.

Do not use a Supercharger for any purpose other than to charge a Tesla vehicle.

Do not attempt to disassemble, repair, tamper with, or modify the Tesla Supercharger Equipment.

Superchargers are not user-serviceable. Contact Tesla for any service issues.

Do not insert foreign objects, especially sharp ones, into the charge handle.

Within close proximity to a Supercharger, operation of any medical or implantable electronic device might be impaired.

Check with the electronic device manufacturer concerning the effect that a Supercharger might have on such devices.

##### **Cautions:**



Incorrect installation of a Supercharger could potentially damage either the vehicle's battery and/or the Supercharger itself.

Do not operate the Supercharger in temperatures outside its operating range of -30°C to 50°C.

When not in operation, ensure that the charge handle is docked within the Charge Post such that the charge cable is not positioned in a manner that it might be tripped over, stepped on, or subject to damage or stress.

Observe all noted cautions in this document to ensure correct installation.

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