



Express Solo

One Platform, Infinite Possibilities

Trade Show Display Unit Installation Guide



IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS

This manual contains important instructions for ChargePoint® products that shall be followed during installation, operation and maintenance of each product.

WARNING:

1. **Read and follow all warnings and instructions before servicing, installing, or operating the ChargePoint® product.** Install and operate only as instructed. Failure to do so may lead to death, injury, or property damage, and will void the Limited Warranty.
2. **ChargePoint recommends that installation, commissioning, and break-fix services be performed by a licensed electrician who is also a ChargePoint-certified technician.** These systems operate at high voltage, and without strict adherence to safety protocols, proper protective equipment, and ChargePoint technical guides, there is significant risk to people, equipment, and the environment. Please ensure full compliance with all applicable local and national buildings, electrical, and safety codes.
3. **Always ground the ChargePoint product.** A touch current of >3.5 mA AC RMS is possible in case of a fault condition of loss of electrical continuity of the earthing conductor. Failure to ground the product can lead to risk of electric shock. The product must be connected to a grounded, metal, permanent wiring system, or an equipment grounding conductor shall be run with circuit conductors and connected to the equipment grounding terminal or lead on the Electric Vehicle Supply Equipment (EVSE). Connections to the EVSE shall comply with all applicable codes and ordinances.
4. **Install the ChargePoint product using a ChargePoint-approved method.** Failure to install on a surface that can support the full weight of the product can result in death, personal injury, or property damage. Inspect the product for proper installation before use.
5. **The product is not suitable for use in Class 1 hazardous locations, such as near flammable, explosive, or combustible vapors or gases.**
6. **Supervise children near this device.**
7. **For charging stations equipped with EV connectors or charging rails, do not put fingers into the electric vehicle connector or connector adapter. Do not touch fingers to charging rails.**
8. **Do not use this product if any cable is frayed, has broken insulation, or shows any other signs of damage.**
9. **Do not use this product if the enclosure is damaged or if any internal parts (including wiring) are accessible. For products equipped with an EV connector, flexible output cable, vehicle inlet, or connector adapter, do not use the product if any of these components are broken, cracked, open, or shows any other signs of damage.**
10. **Wire and wire terminal information are provided in the ChargePoint product Site Design Guide and Installation Guide.**





11. **Torques for installation of wire terminals are provided in the ChargePoint product Installation Guide.**
12. **The ChargePoint product maximum operating temperature is 50 °C (122 °F).**
13. **For products equipped with an EV connector or connector adapter, do not use an adapter with any charger or EV that exceeds the adapter's rated voltage or current capacity. Some EV/EVSE combinations can operate at multiple voltages or allow short-duration current overloads during normal charging. Using an adapter in these situations could result in unsafe conditions such as fire, burns, or exposure of high voltage.**



IMPORTANT: Under no circumstances will compliance with the information in a ChargePoint guide such as this one relieve the user of the responsibility to comply with all applicable codes and safety standards. This document describes approved procedures. If it is not possible to perform the procedures as indicated, contact ChargePoint. ChargePoint is not responsible for any damages that may result from custom installations or procedures not described in this document or that fail to adhere to ChargePoint recommendations.

Warranty Implication



IMPORTANT: Please be advised that all installation, commissioning, and break-fix services must be performed by a ChargePoint-certified technician. Engaging non-certified personnel for these services will result in warranty implications, as doing so constitutes a breach of policy.

Support Services

<https://www.chargepoint.com/legal/support-services>

For more information about ChargePoint's training and certification program, visit <https://www.chargepoint.com/partners/training-certification>

Product Disposal

To comply with Directive 2012/19/EU of the European Parliament and of the Council of 4 July 2012 on waste electrical and electronic equipment (WEEE), devices marked with this symbol may not be disposed of as part of unsorted domestic waste inside the European Union. Enquire with local authorities regarding proper disposal. Product materials are recyclable as marked.



Document Accuracy

The specifications and other information in this document were verified to be accurate and complete at the time of its publication. However, due to ongoing product improvement, this information is subject to change at any time without prior notice. For the latest information, see our documentation online at [ChargePoint Product Reference Documentation](#).

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Symbols

This guide and product use the following symbols:



DANGER: Risk of electric shock



WARNING: Risk of personal harm or death



CAUTION: Risk of equipment or property damage



IMPORTANT: Critical detail that must be followed to achieve intended results



NOTE: Important contextual details or procedural clarifications



REINSTALL NOTE: Essential instructions to follow when reinstalling a part or component



Read the manual for instructions



Ground/protective earth

Illustrations Used in This Document

The illustrations used in this document are for demonstration purposes only and may not be an exact representation of the product. However, unless otherwise specified, the underlying instructions are accurate for the product.

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Revision History

This page provides a summary of revisions made, listing the month and year of each update along with a brief description of the changes made.

Month & Year	Description
August, 2026	Initial release.

Prepare for Installation 1

This topic describes how to set up a ChargePoint Express Solo® Trade Show Display Unit. The station is meant for trade shows and other venues where low voltage power is needed to turn on the station's displays and light indicators, but the station is not expected to charge a vehicle.

Check the Shipping Crate

The station ships in one crate. Ensure you have the crate at the installation site before unpacking.



Contents	Max. Shipped Dimensions	Max. Shipped Weight
Express Solo Trade Show Display Unit crate	1280 x 1150 x 2550 mm (50.39 x 45.27 x 100.39 in)	1414 kg* (3117 lb)
<i>*Includes the weight of the crate and other included materials.</i>		



NOTE: For charging station specifications other than dimensions and weights, refer to the *Express Solo Datasheet* available online at [ChargePoint Product Reference Documentation](#).



IMPORTANT: Always transport and store the station in its original packaging. Use appropriate lifting equipment (forklift, crane and lifting straps, etc). Ensure the load rating of all lifting equipment is adequate for the weight of the crated station as shown above.



WARNING: The station has a high center of gravity. Use care when unpacking, repacking, and transporting. If the charging station tips over it can result in death, personal injury, or property damage.

The Trade Show Display Unit crate contains the following materials:

1. Express Solo
2. Lift straps
3. 48V Power Supply for Trade Show Demo Mode

Set Up the Station 2

This section describes how to unpack the Trade Show Display Unit station crate, position the station at the display location, and power on the station. This procedure requires a pallet jack.



CAUTION: Do not install the charging station in inclement weather. If you must complete the installation in rain or wind, you must use a weather-proof shelter that covers all boxes and components.

Unpack the Station



WARNING: THE CRATE IS HEAVY AND CAN CAUSE INJURY OR DEATH IF DROPPED. DO NOT STAND OR MOVE BENEATH THE CRATE AS IT IS BEING TILTED. TAKE PRECAUTIONS AGAINST THE CRATE TIPPING OR SLIDING.

- 1. Position the crate upright on a level surface with sufficient clearance on all sides for lifting equipment.
- 2. Remove wood screws at locations indicated by red circles on wood.



IMPORTANT: Keep all screws for reassembly. Store them with the crate materials.

Example of markings at the base	Example of markings at the side frame
	

3. Pull the top of the crate back and away from the base to expose the station.



Position the Station

1. Use a pallet jack to move the station (on its pallet) to the desired display position.



IMPORTANT: Do not remove the Express Solo from the pallet. The station remains on its pallet at all times.

Set Up for Display

1. Remove all protective wrapping and covers from the station (display screen, charge cable connectors, cables, and enclosure panels). Set covers aside for reuse.

2. Remove the power cords from inside the station. The power cords are stored on the left side of the station interior.



3. Route the power cords through the right-side access door as shown below.



NOTE: The station requires two power cords to be plugged in. Route both cords through the right-side door.

4. Plug both power cords into the venue wall outlets.



5. Connect the 48V Power Supply for Trade Show Demo Mode.

6. Verify that the system LEDs and display screen power on immediately after plugging in.



NOTE: If the station does not power on after plugging in, verify the venue outlet is providing power (220–240 V, 50 Hz for EU venues). If the problem persists, contact chargepoint.com/support.

Operate, Transport, and Repack 3 the Charging Station



DANGER: RISK OF SHOCK. Always ensure the power has been disconnected before servicing or transporting the station. Keep power off until work scope is completed. FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN SERIOUS INJURY OR LOSS OF LIFE.

This section outlines recommended guidelines for operating, transporting, and repacking the station. For full charging station specifications and ratings, refer to the *Express Solo Datasheet* found online at [ChargePoint Product Reference Documentation](#).

Operate the Station

Follow these guidelines during station operation:

- The Trade Show Display Unit is approved for indoor use only. Do not operate, service, or connect power when the station is outside.
- Ensure the station is on a stable, level surface before powering on.
- Unplug the power cords from the power source when the station is being serviced or is not in use.
- Do not attempt to charge a vehicle with the Trade Show Display Unit. The station is configured for display purposes only.

Transport the Station



WARNING: The station has a high center of gravity. Take care to prevent tipping when moving the station.

Follow these guidelines when preparing to transport the station:

- A pallet jack is required any time the charging station is moved.
- Before transporting, ensure the power cords are unplugged and stowed inside the station.
- Do not move the station outdoors during inclement weather.
- Disconnect the 48V Power Supply before moving the station.
- For long distance transportation, such as moving the charging station from one building to another, repack the station in the crate for shipment.

Repack the Station for Shipment

Repacking the station is the reverse of unpacking. Listed below is the checklist for repacking:

1. Unplug both power cords from the wall outlets and from the station.
2. Tuck the power cords into the station on the left side of the station interior.



NOTE: When repacking the system for shipping, the power cables should be tucked into the system on the left side to prevent damage during transport.

3. Replace all protective wrapping and covers on the station (display screen, charge cable connectors, cables, and enclosure panels).
4. Disconnect the 48V Power Supply.
5. Position the top of the crate over the station and secure it to the base.
6. Reinstall the wood screws at the red-circled locations.
7. Reinstall the front door and latch it into place.



NOTE: The Trade Show Display Unit crate should be shipped and stored in upright orientation only. Do not lay the crate on its side.