

Express 200 to Express 250 Adapter Qualification Form

This form is required to ensure the site for your Express 200 charging station(s) can be upgraded to ChargePoint Express 250 charging stations using the ChargePoint adapter. The station owner, or the owner's designated facility manager or electrician, must complete all information below based on site inspection.

Important Notes about Adapter Scope

- If a station already has a ChargePoint Express 250 to 200 adapter in place (metal pedestal), it does not need the Express 200 to 250 adapter. Note the station in the "SNs that do not qualify" table below, listing reason P5. Such stations can be upgraded separately.
- This upgrade assumes that the Express 200 was originally installed according to ChargePoint specifications as listed in its data sheet and technical guides.
- Surface entry wiring or incorrect conduit configuration disqualifies a charging station from upgrade.
- Express 250 Paired configurations are **not** supported for upgrade. The adapter can only create Standalone installations.
- The 200 to 250 adapter raises the height of the Express 250 interface and charge handles above the level that complies with ADA regulations. Do not use this adapter for stations that are marked for accessibility use.

Site Information

For ease of use, complete one form for a range of stations that share similar installation conditions. Fill in each serial number (SN) at the end of this form in the "Qualify" or "Does not qualify" table according to the list of qualifications below.

Submit this completed form, and the photos listed below, to SolutionsEngineering@chargepoint.com. The detailed data sheets, site design guides, and installation guides defining ChargePoint specifications are online at: chargepoint.com/guides or chargepoint.com/eu/guides

Site Information	Contractor Information
Site address:	Company name:
	Site lead name:
Number of Express 200 stations to upgrade to Express 250 stations:	Lead job title:
Contact name:	Email:
Contact phone:	Phone:
Contact email:	Date of inspection:

Pad Requirements

To reuse the concrete pad from the Express 200 as is, it must conform to these general specifications:

- At least 305 mm (12 in) deep (or deep enough to be 305 mm (12 in) below the frost line)
- At least 1296 mm (51 in) on each side
- Contains #4 rebar top and bottom 305 mm (12 in) on center
- Concrete 2500 PSI minimum

The above pad specifications are designed to meet these conditions:

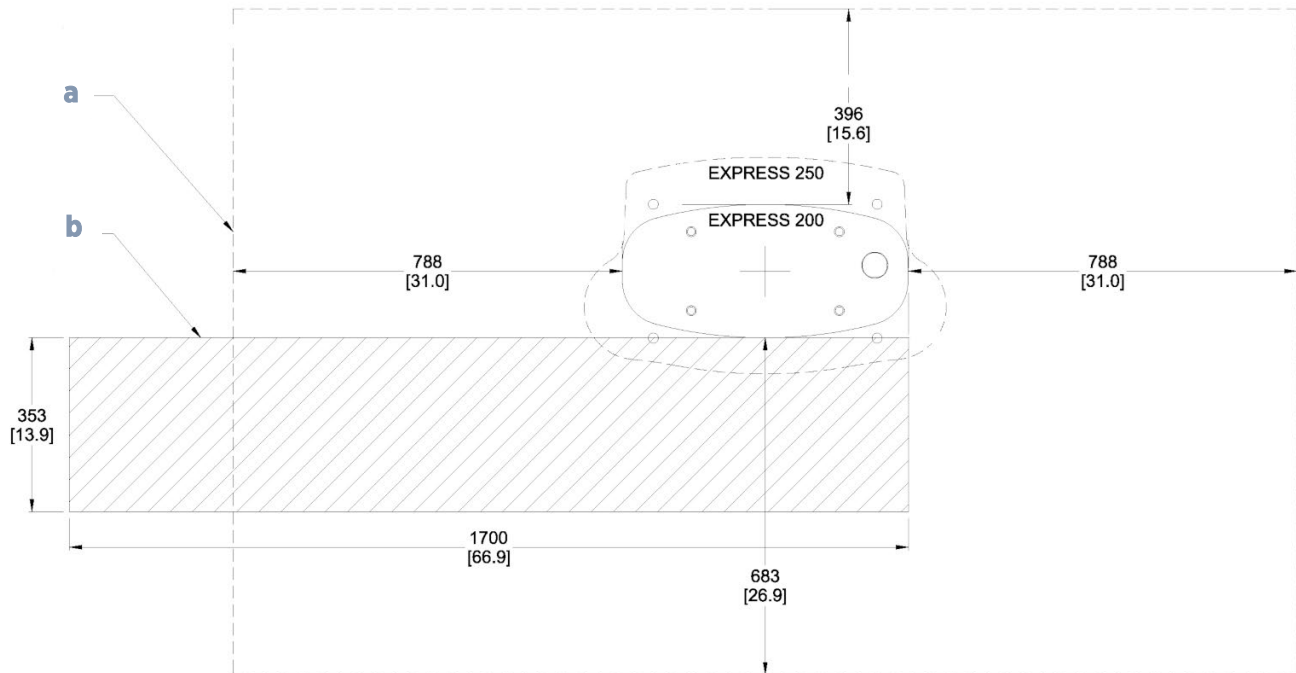
- 170 mph wind speed
- Wind risk category I
- Wind exposure D
- Seismic Importance Factor 1.0
- Hayward Fault with mapped spectral response accelerations $S_s=2.45$ $S_1=1.019$
- Seismic Design Category E
- Foundation of Sandy Soil with allowable stress = 1500 psf, $C_d = 1.33$

In some extreme conditions, a larger pad would be required.

If the existing pad does not meet the specifications above, it must be inspected and approved by a structural engineer for the Express 250's larger dimensions and weight. If needed, give these structural design specifications for the Express 250 to the structural engineer for verification:

Product Weight	340 kg (750 lbs)
Product Height from Ground	2.230 m (7.317 ft)
Product Width	0.71 m (2.33 ft)
Product Frontal Area	Height * Width
CG Height	1.12 m (3.66 ft)
Number of Anchor Bolts	4
Bolt Pattern	See the <i>Express 250 Site Design Guide</i>
Anchor Bolt Size	M16 (5/8 in)
Anchor Bolt Embedment	229 mm (9 in)

Site Requirements



- Clearance for use and service. Measurements are listed in mm [in].
- Clearance for service: must be at grade and contain no permanent bollards or other obstructions.

Code	Site Qualification Requirements								
Q1	The pad conforms, or can be made to conform, to the specifications listed above in “Pad Requirements”.								
Q2	The service clearance of open space (not necessarily at grade) extends a minimum of 683 mm (26.9 in) beyond the Express 200 station in front, 396 mm (15.6 in) in back, and 788 mm (31 in) on each side (a).								
Q3	The front of the station has 353 mm (13.9 in) of solid surface at grade , extending 1700 mm (66.9 in) to the left (b), without permanent obstructions such as bollards and wheel stops, to allow important service.								
Q4	Parking structures: Owner can confirm that drilling surface mount anchor holes for station placement does not interfere with tension cables inside the flooring.								
Q5	<div>A dedicated breaker per station can be installed per this table:</div> <table><tr><th>Nominal Voltage</th><th>Max AC Current</th><th>125% x Continuous Load (N. America)</th><th>Breaker Size</th></tr><tr><td>480 V</td><td>80 A</td><td>100 A</td><td>100 A</td></tr></table>	Nominal Voltage	Max AC Current	125% x Continuous Load (N. America)	Breaker Size	480 V	80 A	100 A	100 A
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480 V	80 A	100 A	100 A						
Q6	The electrical panel can support, or be made to support, the capacity of continuous load AC current to all circuits supporting upgraded stations.								
Q7	All necessary electrical infrastructure meets, or will be upgraded to meet, local codes and ChargePoint specifications for 480 VAC 3-phase power with adequately sized wire.								
Q8	The cellular signal strength at the station location has been tested to meet at least -90 dBm RSRP.								
Q9	The installer(s) scheduled for this site know they must complete the required training in chargepoint.com/installers or chargepoint.com/eu/installers .								

Note: For ease of use, take photos in sequence: station serial number, then its inspection images, then the next station's serial number, etc. The serial number is found on the Tritium label under the bar code, on the back of the station. Send the photos and this completed form to the email address listed on the first page.



	Pictures to Take Onsite for Each Station
P1	The serial number (SN) of the Express 200 station
P2	The concrete pad, showing the existing Express 200 installation
P3	Overall space around the concrete pad, showing all service clearances are available
P4	The open electrical panel and its specification label, to demonstrate the panel has capacity for the needed breakers
P5	POWER OFF THE EXPRESS 200 CHARGING STATION and remove the bottom front and rear panels using a 5.5 mm (1/4 in) security hex wrench. Take photos of interior showing wire routing, conduit, and anchor bolt locations.

Express 200 Serial Numbers and Data

List Express 200 serial numbers in one of the two tables below: qualifying or non-qualifying.

[illegible]

For SNs that do not qualify, list the corresponding reason code from the Site Qualification Requirements table above. (For example, enter “SN xxxxxxxx, Q3” for a station that does not have enough rear clearance behind it.)

[illegible]

I, _____, hereby certify that the information in this form is correct.

<i>Signature</i>	<i>Date (MM/DD/YY)</i>

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