

Express 200 DC Commercial Charging Stations

Specifications and Ordering Information

Ordering Information

Specify model number followed by the applicable code(s).
The order code sequence is: **Model-Options. Software, Services**
and **Misc** are ordered as separate line items.

Hardware

Description		Order Code
Model	Single Port, Dual Connector, 50kW, CHAdeMo + Combo 1 Connector	CPE200T-S-CHD-CMB

Software & Services

Description		Order Code
ChargePoint Commercial Service Plan		CTSW-SAS-COMM-DC- <i>n</i> ¹
ChargePoint Service Provider Plan		CTSW-SAS-SP- <i>n</i> ¹
ChargePoint Assure		CPE200-ASSURE ²
Station Activation and Configuration		CPSUPPORT-ACTIVE

Note: All CPE200 stations come with 1 year of ChargePoint Assure coverage at no charge for qualified installations. Other conditions apply. All CPE200 stations require a network service plan.

¹ Substitute *n* for the duration of the service (1, 2, 3, 4, or 5 years).

² Substitute *n* for the duration of the additional coverage (1 or 2 years).

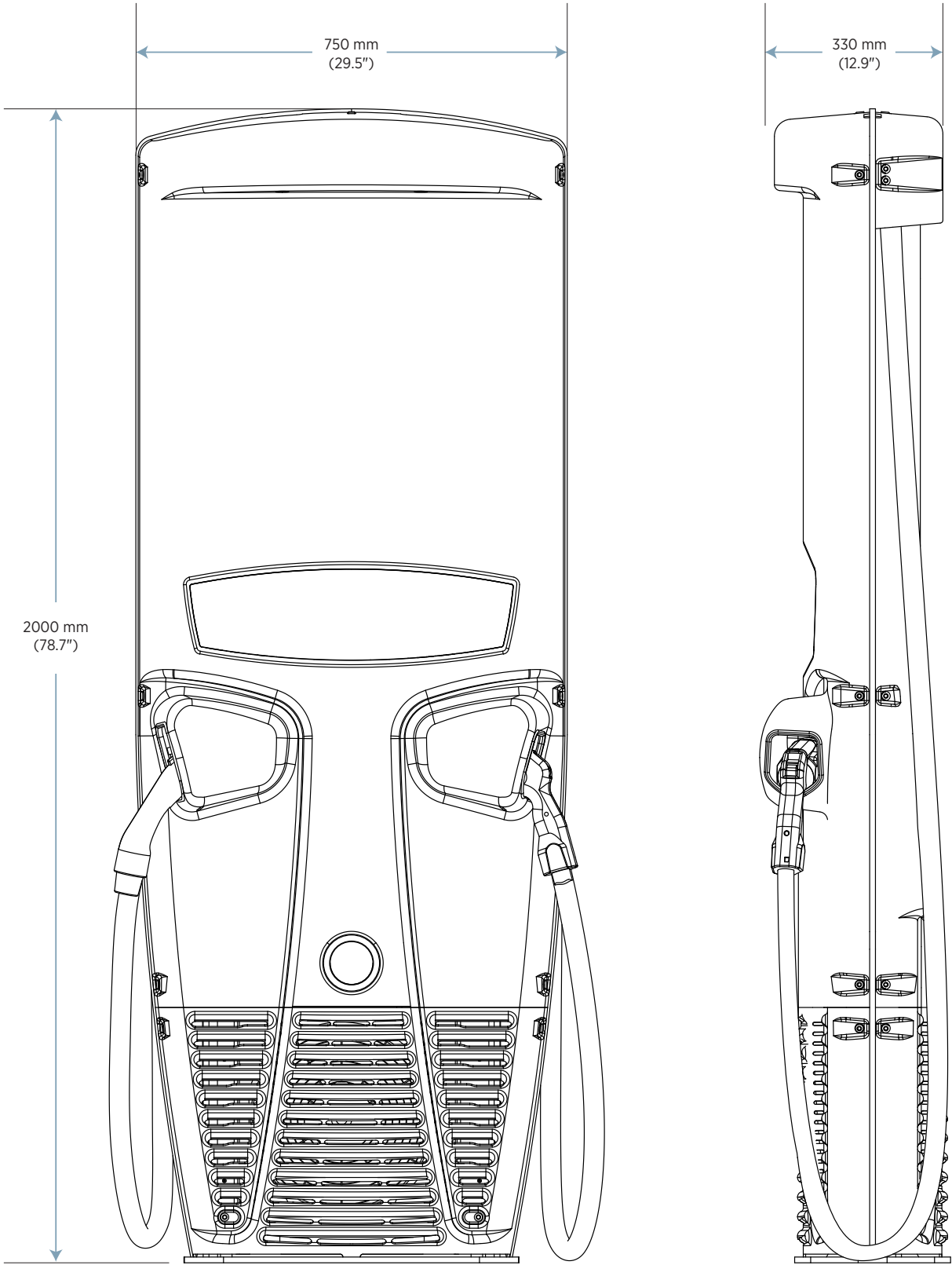
Order Code Examples

If ordering this	the order code is
Single Port, Dual Connector, 50kW, CHAdeMO + Combo 1 Connector	CPE200T-S-CHD-CMB
ChargePoint Commercial Service Plan, 3 Year Subscription	CTSW-SAS-COMM-DC-3
2 additional years of ChargePoint Assure coverage	CPE200-ASSURE2
Station Activation and Configuration	CPSUPPORT-ACTIVE



Express 200

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Express 200 Specifications

Electrical Input

Input Power	52kW @ 3 phase and 250W @ 1 phase
Input Voltage, Charging	480V AC 3 phase
Input Voltage, Control & Communication	120V AC 1 phase
Input Current	63A @ 480V AC, 2A @ 120V AC
Input Frequency	50/60Hz ±5%
Wiring	3 phase, 4 wire (L1, L2, L3, Ground) and 1 phase (L1, N, Ground)

Electrical Output

Nominal Output Power	50kW (@ 400 – 500 V)
Output Voltage	200 – 500V DC
Output Current	125A max

Functional Interfaces

Connector Types	CHAdEMO, CCS1 (SAE J1772™ Combo)
Cable Length	3.8 m (12.5')
LCD Display	2 line OLED display
Card Reader	ISO 15693, ISO 14443, NFC
Plug-In Detection	No selection of plug required. Auto detects which plug is connected.

Safety and Connectivity Features

Vehicle Safety Communication	CHAdEMO – JEVs G104 over CAN CCS1 – SAE J1772 over PLC
Plug-Out Detection	Power terminated per JEVs G104 (CHAdEMO) and SAE J2931 (CCS1) specification
Power Measurement Accuracy	+/- 2% from 10% to full scale
Power Report/Store Interval	15 minute, aligned to hour
Wide Area Network	3G GSM, 3G CDMA

Safety and Operational Ratings

Enclosure Rating	Type 3R, IP 65	
Safety Compliance	UL Listed for USA cUL certified for Canada: complies with UL 2202, UL 2231-1, UL 2231-2	
Surge Protection	6kV @ 3,000A. In geographic areas subject to frequent thunder storms, supplemental surge protection at the service panel is recommended.	
EMC Compliance	FCC part 15 subpart B	
Efficiency	>92%	
Power Factor	0.99	
Cooling	Liquid Cooled	
Operational Altitude	<1800 m (6000')	
Operating Temperature	-35°C to 50°C (-31°F to 120°F)	
High Altitude Operating Temperature	1800 – 2400 m (6000 – 8000'): -35°C to 40°C (-31°F to 131°F) . Output power derating may apply.	
Storage Temperature	-35°C to 50°C (-31°F to 120°F)	
Operating Humidity	Up to 95% @ 50°C (122°F) non-condensing	
Terminal Block Specifications	480V Terminal Block	Temperature rating: -5 to 40°C (23 to 104°F) Tightening torque: 4 N-m (36 in – lbs) Wire size: 21 mm ² (4 AWG)
	120V Terminal Block	Temperature rating: 120°C (248°F) Tightening torque: 1.6 N-m (14 in – lbs) Wire size: 2 – 6mm ² (14 – 10 AWG)




Generic Specifications

Dimensions	2,000 mm H x 750 mm W x 330 mm D (79"H x 30"W x 13"D)
Installation Footprint	580 mm W x 270 mm D (23"W x 11"D)
Weight	165 kg (364 lb)
Shipping Weight	330kg (728 lb)

ChargePoint, Inc. reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

Contact Us

To order your ChargePoint Express 200 charging station:

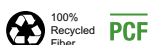
-  Visit chargepoint.com/sales
-  Call +1.408.705.1992
-  Email sales@chargepoint.com



ChargePoint, Inc.
 254 East Hacienda Avenue, Campbell, CA
 95008-6617 USA
 +1.408.841.4500 or toll free +1.877.370.3802
chargepoint.com

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