

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, 50 kW, CHAdeMO + CCS1 Connector	CPE200T-S-CHD-CMB

Software & Services

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

Note: 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 coverage (1, 2, or 3 years).

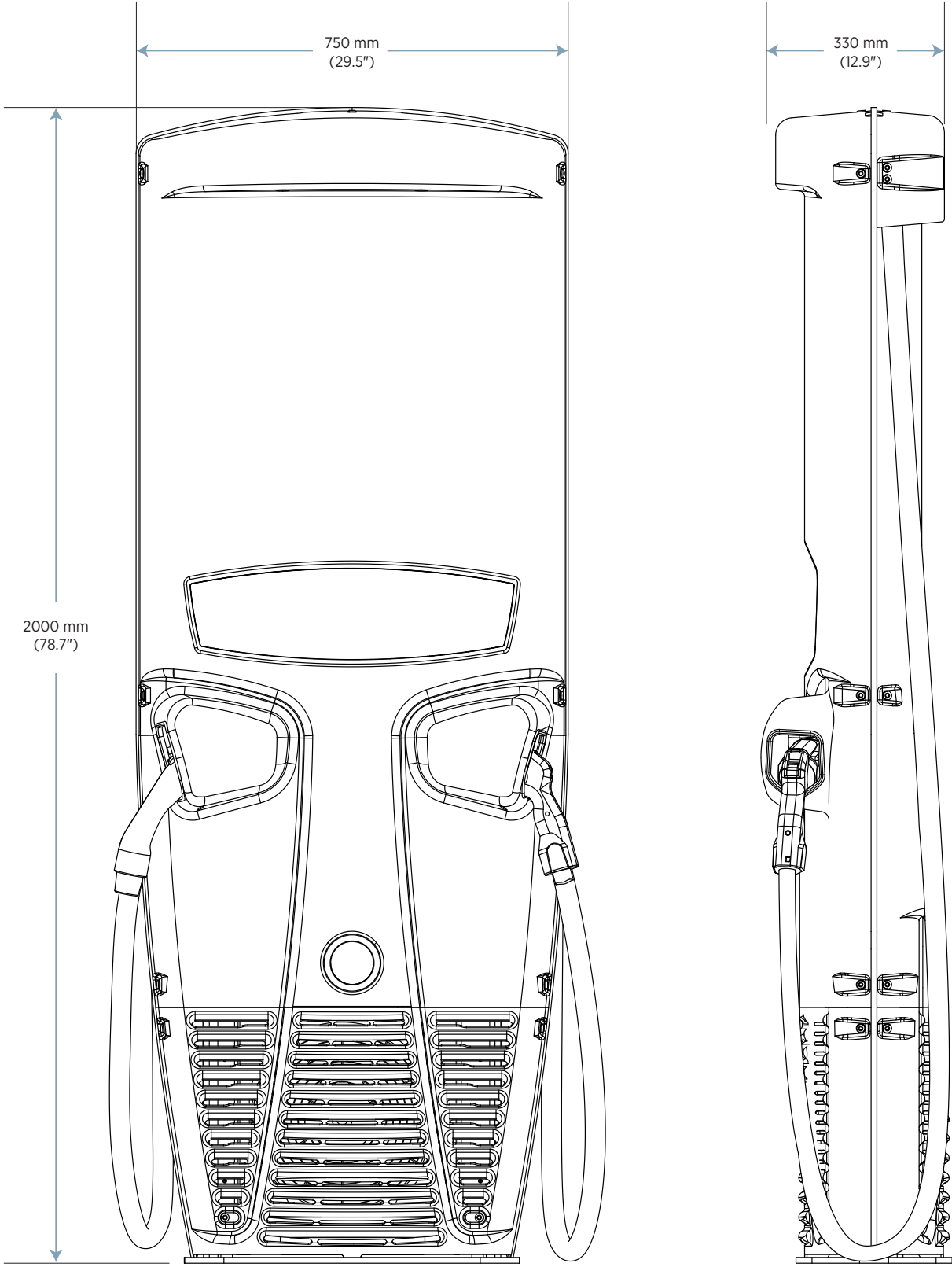
Order Code Examples

If ordering this	the order code is
Single Port, Dual Connector, 50 kW, CHAdeMO + CCS1 Connector	CPE200T-S-CHD-CMB
ChargePoint Commercial Service Plan, 3 Year Subscription	CPCLD-SAS-COMM-DC-3
3 years of ChargePoint Assure coverage	CPE200-ASSURE3
Station Activation and Configuration	CPSUPPORT-ACTIVE



Express 200

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Express 200 Specifications

Electrical Input

Input Power	52 kW @ 3 phase and 250 W @ 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	50 kW (@ 400–500V)
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 ft)
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.
Plug-Out Detection	Power terminated per JEVS G104 (CHAdeMO) and SAE J2931 (CCS1) specification

Connectivity Features

Vehicle Safety Communication	CHAdeMO – JEVS G104 over CAN CCS1 – SAE J1772 over PLC
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, cUL certified: complies with UL 2,202, UL 2,231-1, UL 2,231-2												
Surge Protection	6 kV @ 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	<1,800 m (6,000 ft)												
Operating Temperature	-35°C to 50°C (-31°F to 122°F)												
High Altitude Operating Temperature	1,800–2,400 m (6,000–8,000 ft): -35°C to 40°C (-31°F to 104°F) . Output power derating may apply.												
Storage Temperature	-35°C to 50°C (-31°F to 122°F)												
Operating Humidity	Up to 95% @ 50°C (122°F) non-condensing												
Terminal Block Specifications	<table border="0"> <tr> <td>480V Terminal Block</td> <td>Temperature rating: -5°C to 40°C (23°F to 104°F)</td> </tr> <tr> <td></td> <td>Tightening torque: 4 N-m (36 in-lbs)</td> </tr> <tr> <td></td> <td>Wire size: 21 mm² (4 AWG)</td> </tr> <tr> <td>120V Terminal Block</td> <td>Temperature rating: 120°C (248°F)</td> </tr> <tr> <td></td> <td>Tightening torque: 1.6 N-m (14 in-lbs)</td> </tr> <tr> <td></td> <td>Wire size: 2–6 mm² (14–10 AWG)</td> </tr> </table>	480V Terminal Block	Temperature rating: -5°C to 40°C (23°F 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: 2–6 mm ² (14–10 AWG)
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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	330 kg (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.

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