

ChargePoint CPF25

Level 2 Charging Stations

Specifications and Ordering Information

June 2017



The First
ENERGY STAR®
Certified EV Charger

ChargePoint CPF25
Two Stations with Dual Pedestal Mount and Cord Management Kit

Ordering Information

Specify by order code(s).

Description		Order Code
Model	Single Wall Mount, 5.4 m (18') Cord	CPF25-L18
	Single Pedestal Mount, 5.4 m (18') Cord	CPF25-L18-PD
	Two Stations with Dual Pedestal Mount, 5.4 m (18') Cord	CPF25-L18-PD-Dual
	Single Wall Mount, 5.4 m (18') Cord and Cord Management Kit	CPF25-L18-CMK6
	Single Pedestal Mount, 5.4 m (18') Cord and Cord Management Kit	CPF25-L18-CMK6-PD
	Two Stations with Dual Pedestal Mount, 5.4 m (18') Cord and Cord Management Kit	CPF25-L18-CMK6-PD-Dual
	Single Wall Mount, 7.0 m (23') Cord	CPF25-L23
	Single Pedestal Mount, 7.0 m (23') Cord	CPF25-L23-PD
	Two Stations with Dual Pedestal Mount, 7.0 m (23') Cord	CPF25-L23-PD-Dual
	Single Wall Mount, 7.0 m (23') Cord and Cord Management Kit	CPF25-L23-CMK8
	Single Pedestal Mount, 7.0 m (23') Cord and Cord Management Kit	CPF25-L23-CMK8-PD
	Two Stations with Dual Pedestal Mount, 7.0 m (23') Cord and Cord Management Kit	CPF25-L23-CMK8-PD-Dual
Replacement Cord	5.4 m (18'), 32 A Charging Cord	CPF25CORD-L18-F
	7.0 m (23'), 32 A Charging Cord	CPF25CORD-L23-F

Required Companion Products



ChargePoint CPF25 Single Wall Mount

Description	Order Code
ChargePoint Gateway USA* (1 required for every 9 stations)	CPGW1
ChargePoint Gateway Canada* (1 required for every 9 stations)	CPGW2

*Provides cellular connectivity only to ChargePoint CPF25 stations. ChargePoint certified installers will do a site validation and order the ChargePoint Gateway as needed. As part of the make-ready, the site host needs to provide a location within 46 m (150') line of sight of the ChargePoint stations with adequate cellular coverage. In addition, the site host is responsible for providing power to the gateway. The ChargePoint Gateway is owned and maintained by ChargePoint.

Companion Products for Fleet Applications

For fleet applications, CPF25 stations require the purchase of the Fleet Plan cloud service.

Description	Order Code
Fleet Plan (1, 2, 3, 4 or 5 years) (required)	CPCLD-FLEET- <i>n</i> ¹
Station Initial Activation (recommended)	CPSUPPORT-ACTIVE
ChargePoint Assure (recommended)	CPF25-ASSURE- <i>n</i> ²

Comes with 1 year of ChargePoint Assure coverage at no charge for qualified installations. Other conditions apply.

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

² Substitute *n* for the duration of additional coverage (1, 2, 3 or 4 years)

Companion Products for Multi-Family Applications

For multi-family applications, CPF25 stations may only be purchased for use in properties that have signed the ChargePoint Electric Vehicle Charging Services Agreement.

Description	Order Code
Site Initial Activation (required)	CPMFHS-ACTIVE

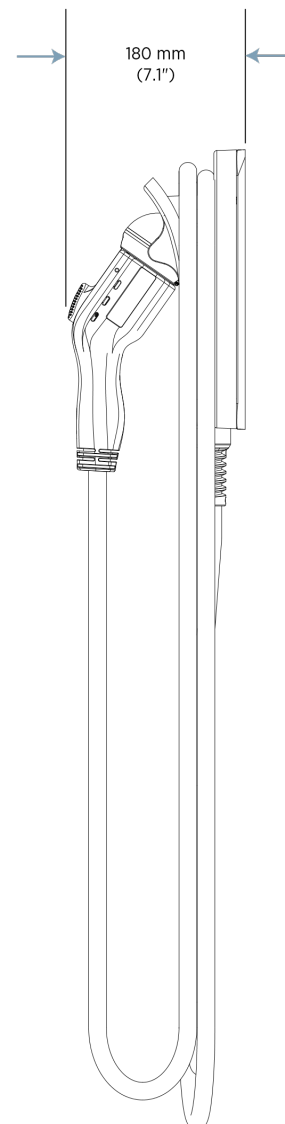
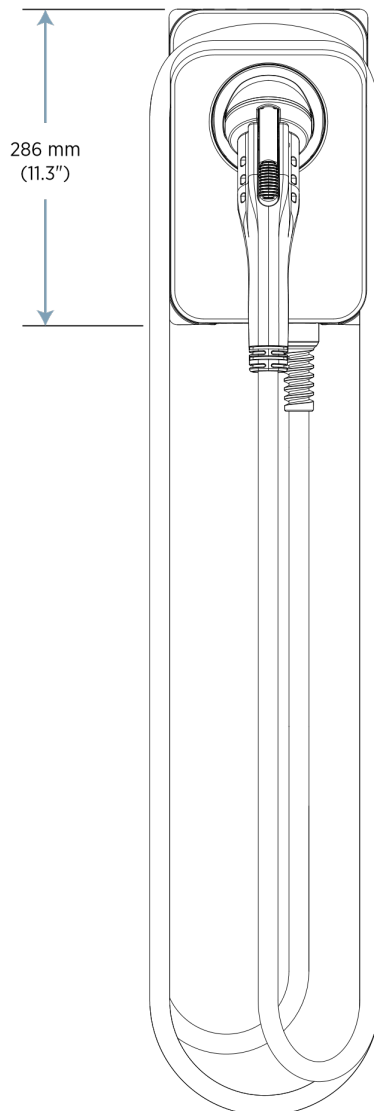
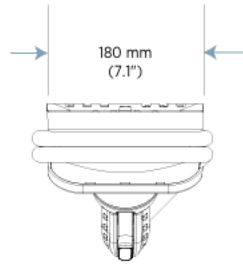
Includes a 3 year parts exchange warranty ("Parts Warranty"). Additionally, for as long as the resident subscribes to Multi-Family Home Service Plan, ChargePoint will provide on-site labor to maintain the stations ("Maintenance Service"). The maintenance service does not provide coverage for abuse, vandalism, damage or other problems caused by accidents or negligence.

Architectural Drawings

Single Wall Mount

CPF25-L18 5.4 m (18')

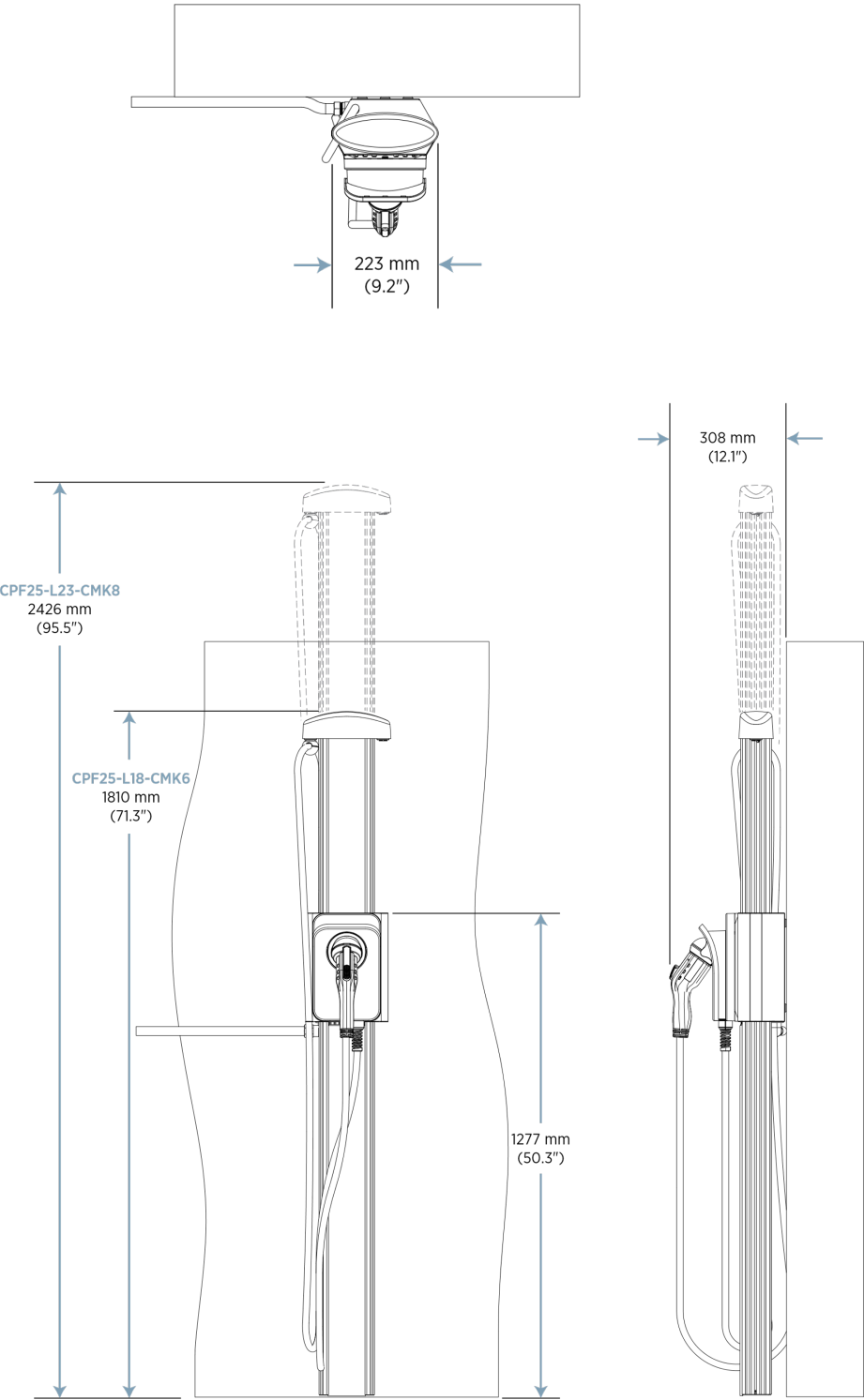
CPF25-L23 7.0 m (23')



Single Wall Mount with Cord Management Kit

CPF25-L18-CMK6 5.4 m (18')

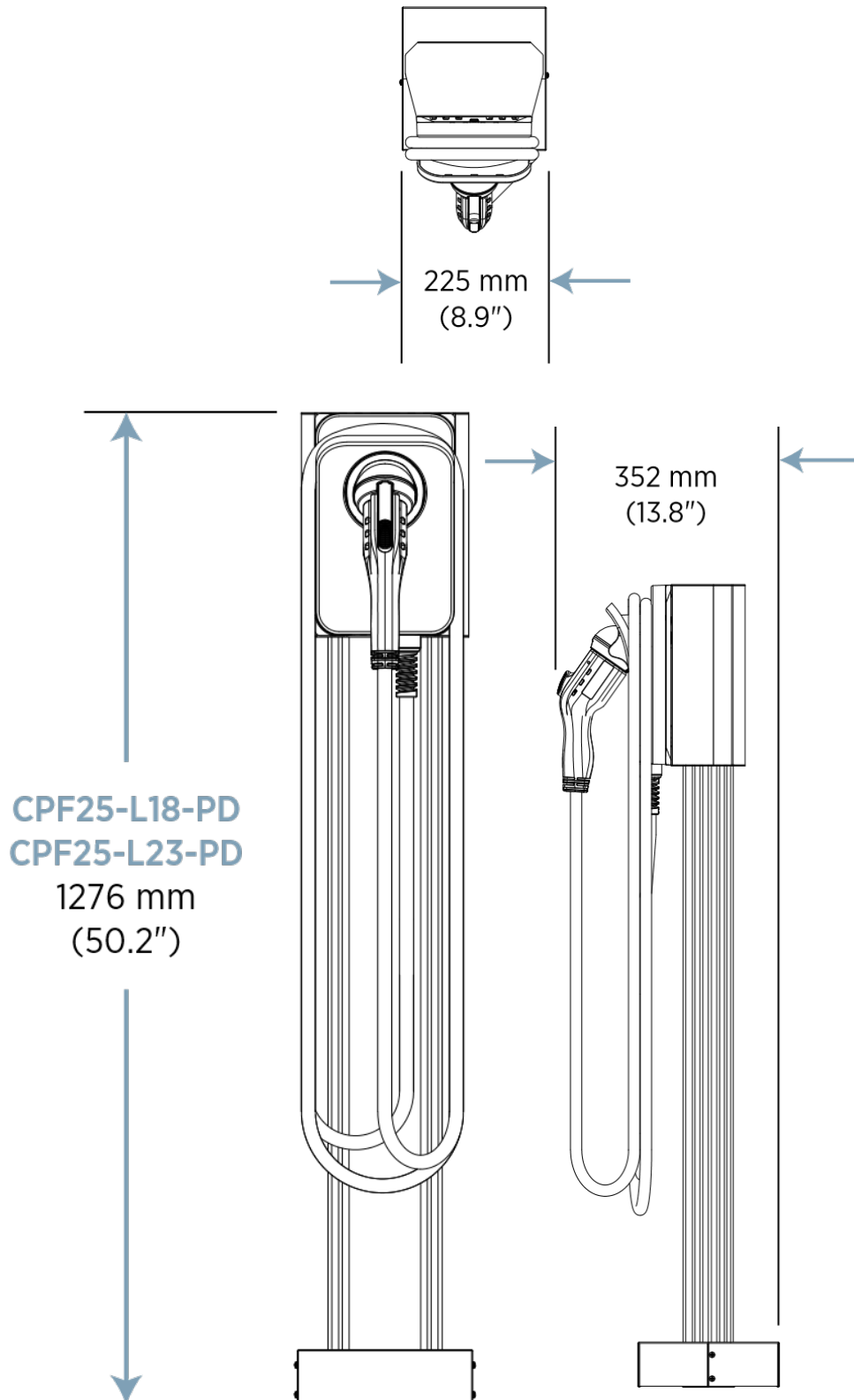
CPF25-L23-CMK8 7.0 m (23')



Single Pedestal Mount

CPF25-L18-PD 5.4 m (18')

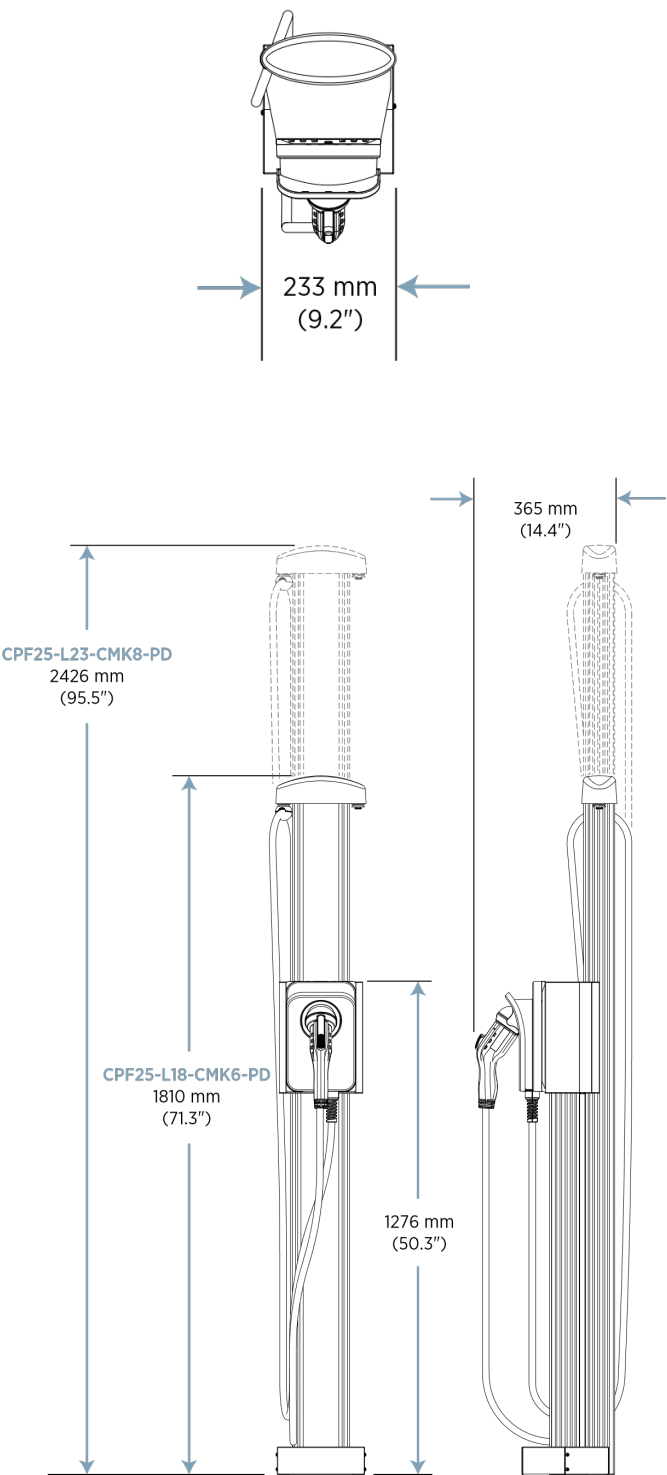
CPF25-L23-PD 7.0 m (23')



Single Pedestal Mount with Cord Management Kit

CPF25-L18-CMK6-PD 5.4 m (18')

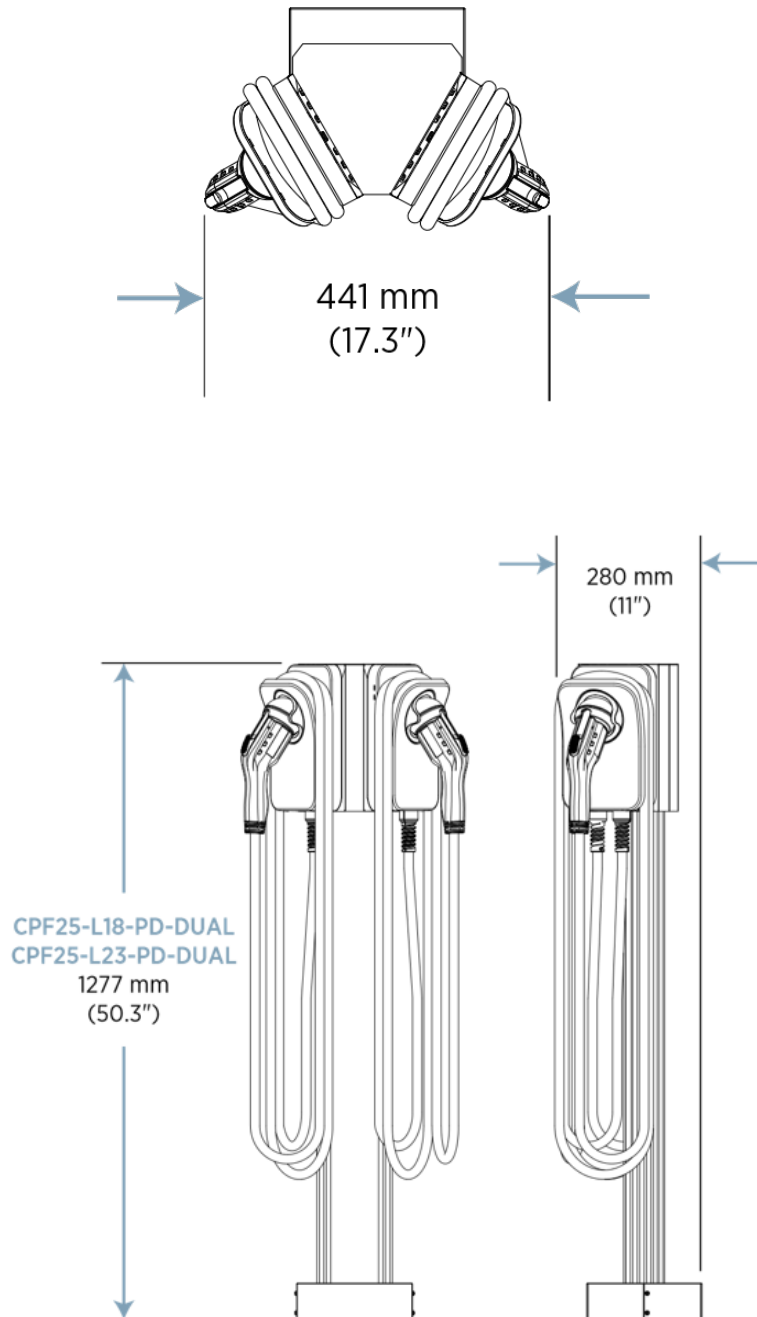
CPF25-L23-CMK8-PD 7.0 m (23')



Two Stations with Dual Pedestal Mount

CPF25-L18-PD-DUAL 5.4 m (18')

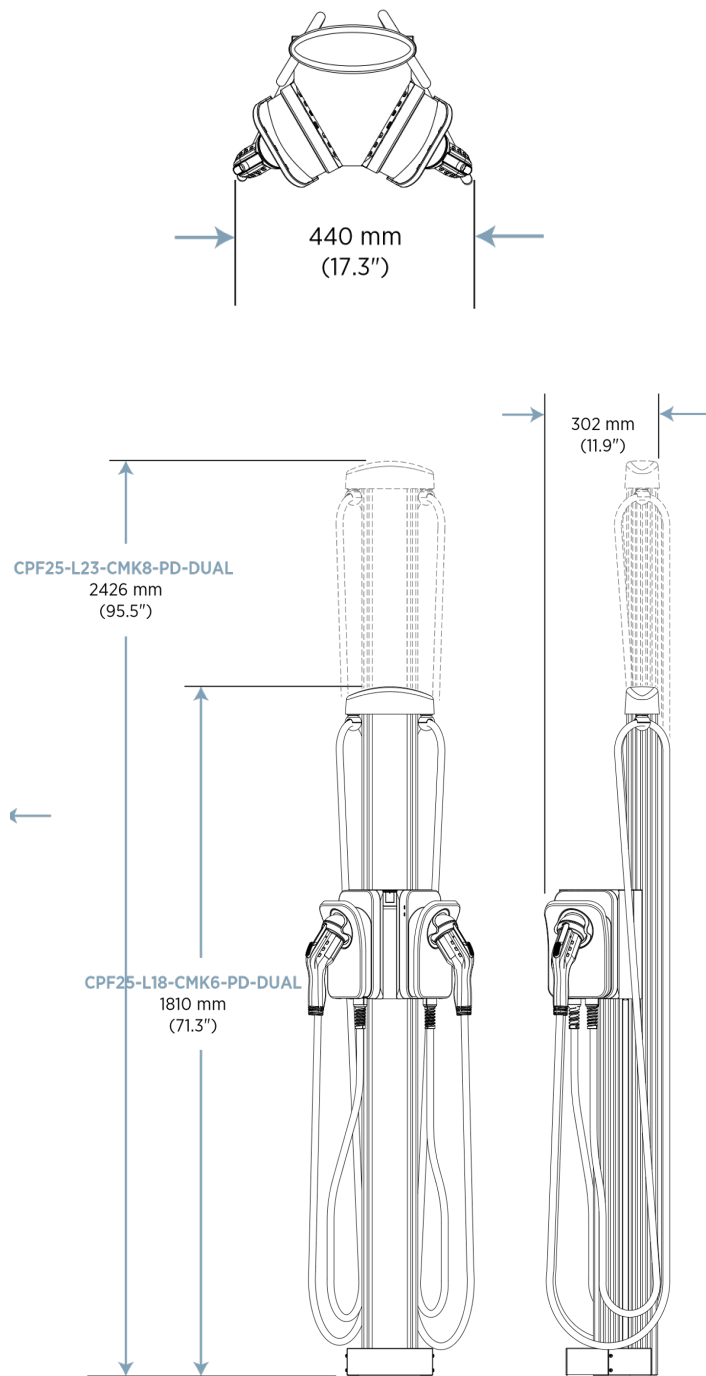
CPF25-L23-PD-DUAL 7.0 m (23')



Two Stations with Dual Pedestal Mount and Cord Management Kit

CPF25-L18-CMK6-PD-DUAL 5.4 m (18')

CPF25-L23-CMK8-PD-DUAL 7.0 m (23')



Specifications

Electrical Input	One Station (AC Voltage 208 / 240 V AC)			Two Stations (AC Voltage 208 / 240 V AC)		
	Input Current	Input Power Connection	Required Service Panel Breaker	Input Current	Input Power Connection	Required Service Panel Breaker
Standard	32 A	One 40 A branch circuit	40 A dual pole (non-GFCI)	32 A x 2	Two independent 40 A branch circuits	40 A dual pole (non GFCI) x 2
Standard Power Share	N/A	N/A	N/A	32 A	One 40 A branch circuit split to two	40 A dual pole (non GFCI)
Power Select 16 A	16 A	One 20 A branch circuit	20 A Dual pole (non-GFCI type)	16 A x 2	Two independent 20A branch circuits	20 A dual pole(non-GFCI type) x 2
Service Panel/Breaker GFCI	Do not provide external GFCI as it may conflict with internal GFCI (CCID)					
Wiring – Standard	3-wire (L1, L2 plus Earth) No neutral			5-wire (L1, L2, L2, Earth)		
Wiring – Power Share	N/A			3-wire (L1, L2, Earth)		
Station Power	2.5 W typical (standby), 4 W maximum (operation)			5 W typical (standby), 8 W maximum (operation)		

Electrical Output

Standard	7.7 kW (240 V AC @ 32 A)
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Functional Interfaces

Connector Type	SAE J1772™
Cable Length – 1.8 m (6') Cable Management	5.4 m (18')
Cable Length – 2.4 m (8') Cable Management	7.0 m (23')
Overhead Cable Management System	Yes
Card Reader	ISO 15693 and ISO 14443

Safety and Connectivity Features

Ground Fault Detection	20 mA CCID with auto retry
Open Safety Ground Detection	Continuously monitors presence of safety (green wire) ground connection
Plug-Out Detection	Power terminated per SAE J1772 specifications
Power Measurement Accuracy	+/- 2% from 2% to full scale (32 A)
Power Report/Store Interval	15 minute, aligned to hour
Local Area Network	2.4/5 GHz WiFi (802.11 a/b/g/n)
Wide Area Network	3G GSM, 3G CDMA provided by the ChargePoint Gateway CPGWx

Safety and Operational Ratings

Enclosure Ratings	Type 3R per UL 50E
Safety and Compliance	UL and cUL listed: complies with UL2594, UL2231-1, UL2231-2. NEC Article 625 compliant UL and C-UL listed per UL916 Energy Management Equipment
Surge Protection	6 kV @ 3000 A. In geographic areas subject to frequent thunder storms, supplemental surge protection at the service panel is recommended.
EMI Compliance	FCC Part 15 Class B
Storage Temperature	-40°C to 60°C (-40°F to 140°F) ambient
Operating Temperature	-30°C to 50°C (-22°F to 122°F) ambient
Operating Humidity	Up to 85% at 50°C (122°F) non-condensing
Non-Operating Humidity	Up to 95% at 50°C (122°F) non-condensing
Maximum Charging Stations per 802.11 Radio Group	9 maximum. Each station must be located within 46 m (150') "line of sight" of a CPGWx gateway.

Indicators

WiFi LED	Yes
Fault Indicator per UL	Yes
Status LED	Yes

Contact Us

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

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

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