

-chargepoint®

ChargePoint Home Flex

Specifications and Ordering Information



ChargePoint® Home Flex

Ordering Information

The order codes below represent specific product configurations. Other product options are available. Please contact ChargePoint Sales for information and order codes.

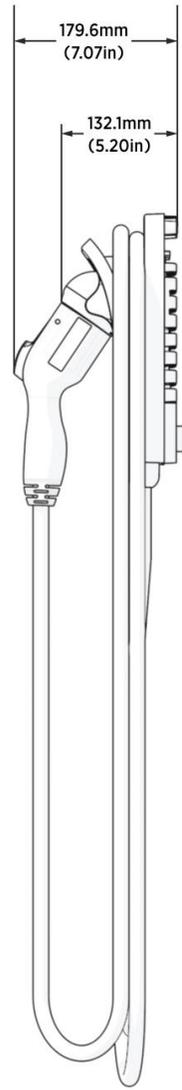
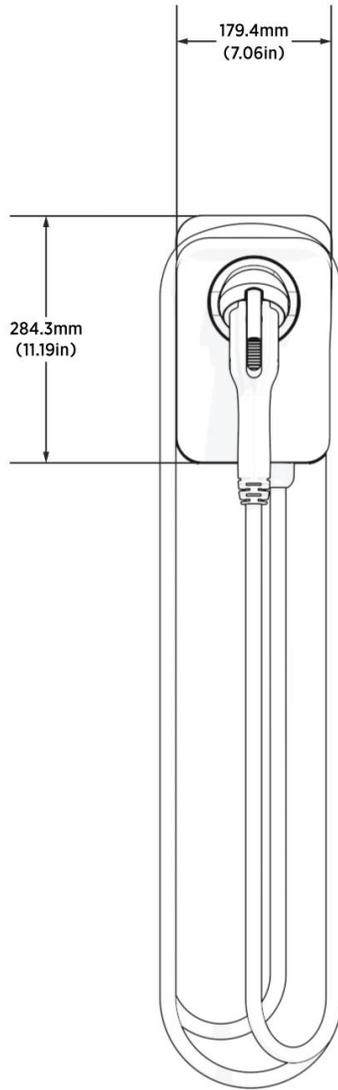
Hardware

Description		Order Code
Station and Cable Model	CPH50, NA, AC Station, 1 x J1772, 50A, 1 Phase, 23 ft Cable, Wall Mount, Wi-Fi/BT, UL, 3 YR Parts Warranty, NEMA 6-50	CPH50-NEMA6-50-L23
	CPH50, NA, AC Station, 1 x J1772, 50A, 1 Phase, 23 ft Cable, Wall Mount, Wi-Fi/BT, UL, 3 YR Parts Warranty, NEMA 14-50	CPH50-NEMA14-50-L23
	CPH50, NA, AC Station, 1 x J1772, 50A, 1 Phase, 23 ft Cable, Wall Mount, Wi-Fi/BT, UL, 3 YR Parts Warranty, Hardwire	CPH50-HARDWIRE-L23
	CPH50, NA, AC Station, 1 x NACS, 50A, 1 Phase, 23 ft Cable, Wall Mount, Wi-Fi/BT, UL, 3 YR Parts Warranty, NEMA 6-50	CPH50-NEMA6-50-L23-NACS
	CPH50, NA, AC Station, 1 x NACS, 50A, 1 Phase, 23 ft Cable, Wall Mount, Wi-Fi/BT, UL, 3 YR Parts Warranty, NEMA 14-50	CPH50-NEMA14-50-L23-NACS
	CPH50, NA, AC Station, 1 x NACS, 50A, 1 Phase, 23 ft Cable, Wall Mount, Wi-Fi/BT, UL, 3 YR Parts Warranty, Hardwire	CPH50-HARDWIRE-L23-NACS
Replacement Cable	J1772 23 ft Replacement Charging Cable	CPH50Cable-T1-50A-L23-F
NACS Conversion Kit	NACS Self Install Conversion Kit for CPH50. 23 ft 50A NACS Charging Cable for CPH50 and NACS holster ball insert.	CPHCABLE-50A-L23-NACS-KIT

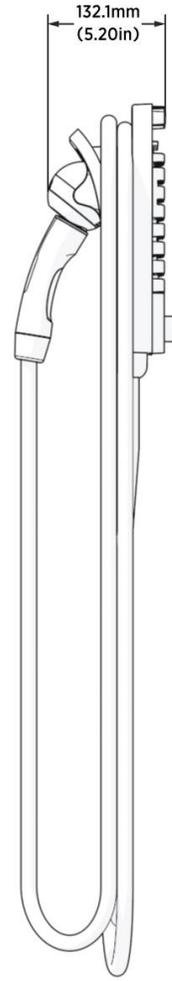
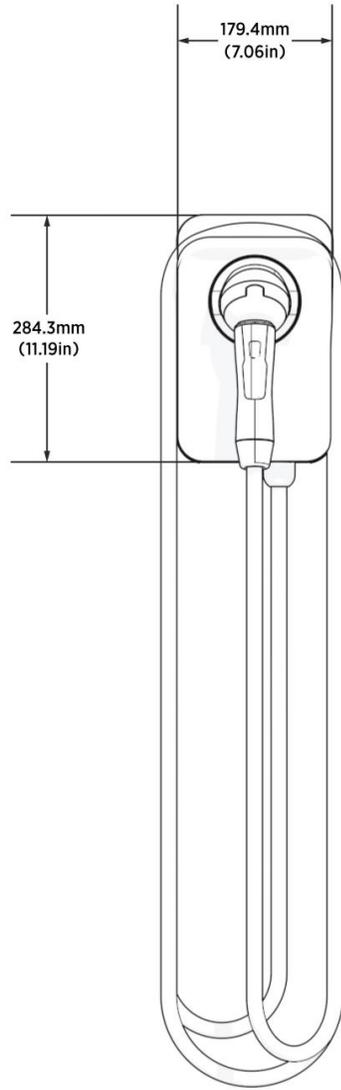
Note: ChargePoint's North American Charging Standard (NACS) connector solutions are compatible with the NACS technical specifications revision 1.1 made publicly available by Tesla, Inc. as of November 3, 2022. ChargePoint will endeavor to maintain compatibility between its NACS connector solutions with future NACS technical specification revisions.

Architectural Drawings (Dimensions)

Weight: 6.26 kg (13.8 lb)



ChargePoint Home Flex Datasheet



ChargePoint Home Flex Datasheet

General Specifications

Connector and Electrical

Input Cord	NEMA 6-50 or NEMA 14-50
AC Power Output Rating	Maximum 12 kW (240V AC * 50A). Output amperage adjustable via mobile app to 16A, 24A, 32A, 40A, 48A, 50A.
AC Power Input Rating	208/240V AC 60 Hz single phase @ 16A, 24A, 32A, 40A, 48A, 50A
Required Service Panel Breaker	Dedicated Dual Pole rated for 125% of maximum load (ex: 50A breaker for 40A output)
Service Panel GFCI	External GFCI may conflict with internal GFCI (CCID). For hardwired installations, use a non-GFCI circuit breaker.
Power Wiring	3 Wire – L1, L2 plus Earth (no neutral)
Charging Cable Length	23 ft (7010.4 mm)
Connector Type	SAE J1772™, NACS
Power Measurement Accuracy	+/- 2.0% from 2% to full scale
Power Report/Store Interval	15 minutes aligned to hour

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
Local Area Network	2.4/5 GHz WiFi (802.11 a/b/g/n)
Device Storage	Local data storage with capacity of up to 90 days of charging session data (100 sessions) in case of interrupted network connection
Software Updates	Firmware updated over-the-air (OTA)
Charge Port Open Function (NACS only)	Button on charge cable handle will open NACS charge port door.

Safety and Operational Ratings

Station Enclosure Rating	Type 3R per UL 50E
Safety and Compliance	UL and cUL listed; complies with UL2594, UL2231-1, UL2231-2. NEC article 625 compliant. For Canada CSA C22.2, No. 280, 281.1, 281.2, CEC
EMC 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 95% at 50°C (122°F) non-condensing
Non-Operating Humidity	Up to 95% at 50°C (122°F) non-condensing
ENERGY STAR® Certification	Yes

Indicators

WiFi LED	Yes
Fault Indicator per UL	Yes
Status LED	Yes

Installation

Install Software	Mobile App (iOS & Android)
Outdoor Installation	Hardwired installation or weatherproof NEMA receptacle Note: Required by code to install an outdoor rated GFCI breaker upstream for outdoor plug-in installation

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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