

# ChargePoint Home Flex

## Specifications and Ordering Information

### Ordering Information

Description		Model Number
Station and Cable Model	16A-50A, NEMA 6-50 plug, 7010.4 mm (23') Charging Cable	CPH50-NEMA6-50-L23
	16A-50A, NEMA 14-50 plug, 7010.4 mm (23') Charging Cable	CPH50-NEMA14-50-L23
Replacement Cable	7010.4 mm (23') Charging Cable	CPH50Cable-T1-50A-L23-F

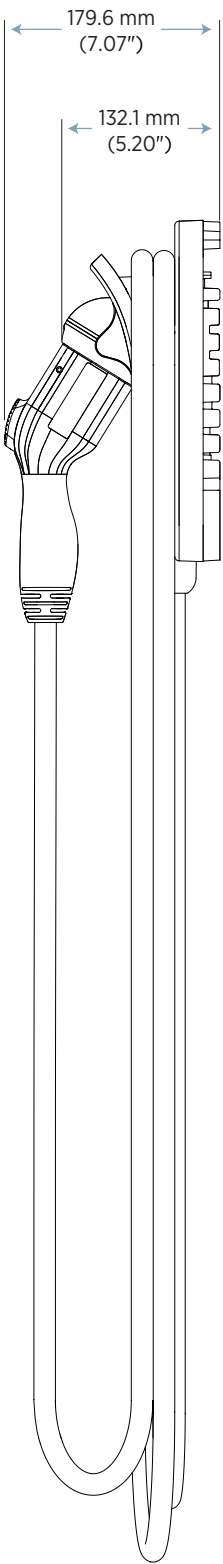
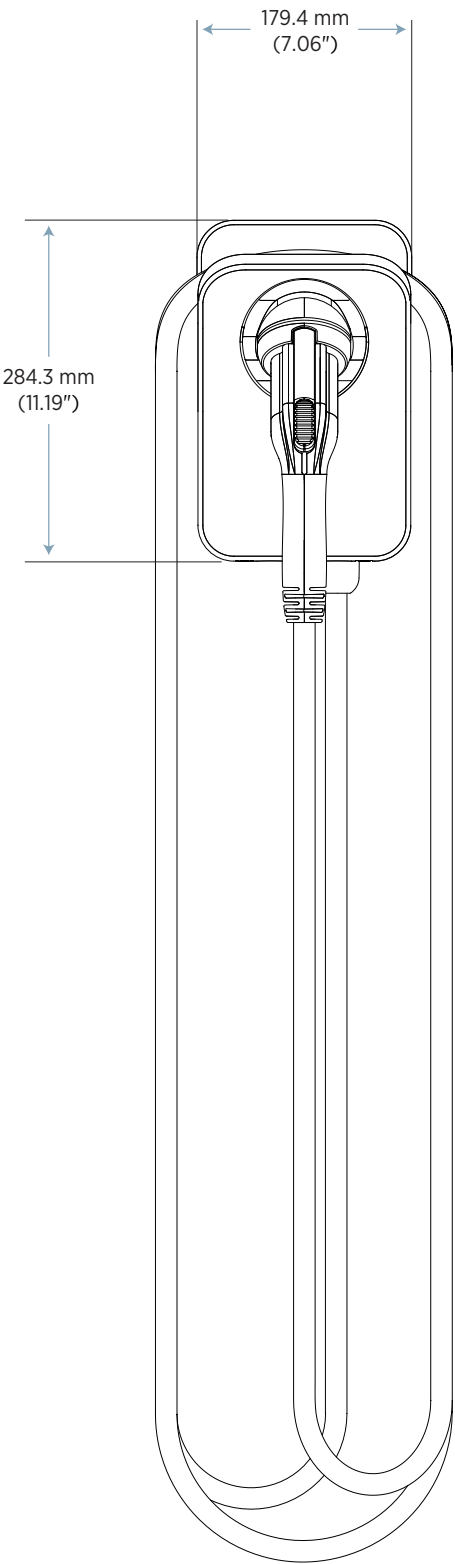


ChargePoint® Home Flex



Dimensions

Weight: 6.26kg (13.8lbs)



## 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 60Hz 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	7010.4 mm (23')
Connector Type	SAE J1772™
Power Measurement Accuracy	+/- 2.0% from 2% to full scale
Power Report/Store Interval	15 minute 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 Wi-Fi (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)

### Safety and Operational Ratings

Enclosure Ratings	Type 3R per UL 50E
Safety and Compliance	UL and cUL listed product per UL2594, UL2231-1, UL2231-2. NEC Article 625 compliant For Canada CSA C22.2, No. 280, 281.1, 281.2, CEC
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 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

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