

# ChargePoint® CP6000 AC Commercial Station

Specifications and Ordering Information



Dual port, pedestal mount, 18 ft cable

## Ordering Information

The order codes below represent specific product configurations. Please contact ChargePoint Sales for additional information. Specify model number followed by the applicable code(s).

The order code sequence is Model-Options. Software, Services and Other are ordered as separate line items.

### Hardware: Station Model

| Description                                                    | Order Code            |
|----------------------------------------------------------------|-----------------------|
| 80 A Dual port, pedestal mount, 18 ft cable                    | CP6021B-80A-L5.5      |
| 80 A Single port, pedestal mount, 18 ft cable                  | CP6011B-80A-L5.5      |
| 80 A Dual port, pedestal mount, 18 ft cable, EMV chip reader   | CP6021B-80A-L5.5-CHIP |
| 80 A Single port, pedestal mount, 18 ft cable, EMV chip reader | CP6011B-80A-L5.5-CHIP |
| 50 A Dual port, pedestal mount, 18 ft cable                    | CP6021B-50A-L5.5      |
| 50 A Single port, pedestal mount, 18 ft cable                  | CP6011B-50A-L5.5      |
| 50 A Dual port, pedestal mount, 18 ft cable, EMV chip reader   | CP6021B-50A-L5.5-CHIP |
| 50 A Single port, pedestal mount, 18 ft cable, EMV chip reader | CP6011B-50A-L5.5-CHIP |
| 80 A Dual port, wall mount, 18 ft cable                        | CP6023B-80A-L5.5      |
| 80 A Single port, wall mount, 18 ft cable                      | CP6013B-80A-L5.5      |
| 80 A Dual port, wall mount, 18 ft cable, EMV chip reader       | CP6023B-80A-L5.5-CHIP |
| 80 A Single port, wall mount, 18 ft cable, EMV chip reader     | CP6013B-80A-L5.5-CHIP |
| 50 A Dual port, wall mount, 18 ft cable                        | CP6023B-50A-L5.5      |
| 50 A Single port, wall mount, 18 ft cable                      | CP6013B-50A-L5.5      |
| 50 A Dual port, wall mount, 18 ft cable, EMV chip              | CP6023B-50A-L5.5-CHIP |

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|                                                                |                       |
|----------------------------------------------------------------|-----------------------|
| reader                                                         |                       |
| 50 A Single port, wall mount, 18 ft cable, EMV chip reader     | CP6013B-50A-L5.5-CHIP |
| 80 A Dual port, pedestal mount, 23 ft cable                    | CP6021B-80A-L7        |
| 80 A Single port, pedestal mount, 23 ft cable                  | CP6011B-80A-L7        |
| 80 A Dual port, pedestal mount, 23 ft cable, EMV chip reader   | CP6021B-80A-L7-CHIP   |
| 80 A Single port, pedestal mount, 23 ft cable, EMV chip reader | CP6011B-80A-L7-CHIP   |
| 50 A Dual port, pedestal mount, 23 ft cable                    | CP6021B-50A-L7        |
| 50 A Single port, pedestal mount, 23 ft cable                  | CP6011B-50A-L7        |
| 50 A Dual port, pedestal mount, 23 ft cable, EMV chip reader   | CP6021B-50A-L7-CHIP   |
| 50 A Single port, pedestal mount, 23 ft cable, EMV chip reader | CP6011B-50A-L7-CHIP   |
| 80 A Dual port, wall mount, 23 ft cable                        | CP6023B-80A-L7        |
| 80 A Single port, wall mount, 23 ft cable                      | CP6013B-80A-L7        |
| 80 A Dual port, wall mount, 23 ft cable, EMV chip reader       | CP6023B-80A-L7-CHIP   |
| 80 A Single port, wall mount, 23 ft cable, EMV chip reader     | CP6013B-80A-L7-CHIP   |
| 50 A Dual port, wall mount, 23 ft cable                        | CP6023B-50A-L7        |
| 50 A Single port, wall mount, 23 ft cable                      | CP6013B-50A-L7        |
| 50 A Dual port, wall mount, 23 ft cable, EMV chip reader       | CP6023B-50A-L7-CHIP   |
| 50 A Single port, wall mount, 23 ft cable, EMV chip reader     | CP6013B-50A-L7-CHIP   |

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|                                                                                                       |                  |
|-------------------------------------------------------------------------------------------------------|------------------|
| 80 A Dual port, pedestal mount, 18 ft cable, Omni Port (enables J1772 and/or NACS vehicle charging)   | CP6621B-80A-L5.5 |
| 80 A Single port, pedestal mount, 18 ft cable, Omni Port (enables J1772 and/or NACS vehicle charging) | CP6611B-80A-L5.5 |
| 50 A Dual port, pedestal mount, 18 ft cable, Omni Port (enables J1772 and/or NACS vehicle charging)   | CP6621B-50A-L5.5 |
| 50 A Single port, pedestal mount, 18 ft cable, Omni Port (enables J1772 and/or NACS vehicle charging) | CP6611B-50A-L5.5 |
| 80 A Dual port, wall mount, 18 ft cable, Omni Port (enables J1772 and/or NACS vehicle charging)       | CP6623B-80A-L5.5 |
| 80 A Single port, wall mount, 18 ft cable, Omni Port (enables J1772 and/or NACS vehicle charging)     | CP6613B-80A-L5.5 |
| 50 A Dual port, wall mount, 18 ft cable, Omni Port (enables J1772 and/or NACS vehicle charging)       | CP6623B-50A-L5.5 |
| 50 A Single port, wall mount, 18 ft cable, Omni Port (enables J1772 and/or NACS vehicle charging)     | CP6613B-50A-L5.5 |
| 80 A Dual port, pedestal mount, 23 ft cable, Omni Port (enables J1772 and/or NACS vehicle charging)   | CP6621B-80A-L7   |
| 80 A Single port, pedestal mount, 23 ft cable, Omni Port (enables J1772 and/or NACS vehicle charging) | CP6611B-80A-L7   |
| 50 A Dual port, pedestal mount, 23 ft cable, Omni Port (enables J1772 and/or NACS vehicle charging)   | CP6621B-50A-L7   |
| 50 A Single port, pedestal mount, 23 ft cable, Omni Port (enables J1772 and/or NACS vehicle charging) | CP6611B-50A-L7   |

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|                                                                                                   |                |
|---------------------------------------------------------------------------------------------------|----------------|
| 80 A Dual port, wall mount, 23 ft cable, Omni Port (enables J1772 and/or NACS vehicle charging)   | CP6623B-80A-L7 |
| 80 A Single port, wall mount, 23 ft cable, Omni Port (enables J1772 and/or NACS vehicle charging) | CP6613B-80A-L7 |
| 50 A Dual port, wall mount, 23 ft cable, Omni Port (enables J1772 and/or NACS vehicle charging)   | CP6623B-50A-L7 |
| 50 A Single port, wall mount, 23 ft cable, Omni Port (enables J1772 and/or NACS vehicle charging) | CP6613B-50A-L7 |

## Hardware: Other

| Description                                 | Order Code                             |
|---------------------------------------------|----------------------------------------|
| Pedestal Concrete Mounting Kit              | CP6K-CMT-NA                            |
| CP6000 Dual Port Omni Port Conversion Kit   | CP6000-DUAL-J1772-NACS-OMNI-CONV-KIT   |
| CP6000 Single Port Omni Port Conversion Kit | CP6000-SINGLE-J1772-NACS-OMNI-CONV-KIT |

## Software and Services

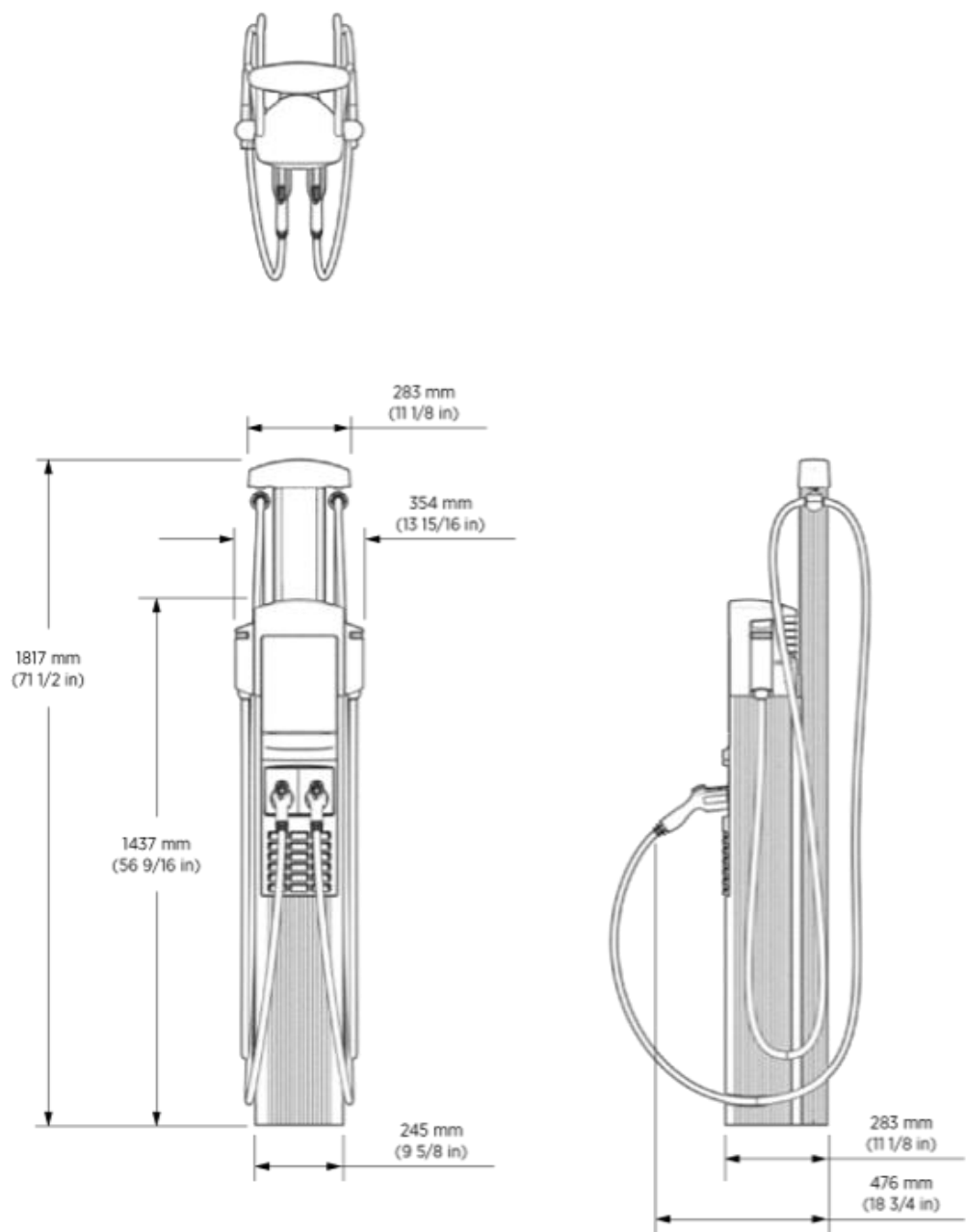
| Description                  | Order Code                   |
|------------------------------|------------------------------|
| ChargePoint Enterprise Plan  | CPCLD-ENTERPRISE-n*          |
| ChargePoint Fleet Commercial | CPCLD-COMMERCIAL-n*          |
| ChargePoint Assure           | CP6000-ASSURE-n*             |
| ChargePoint Installation     | CP6000-INSTALL-COMMISSIONING |

Note: All CP6000 stations require a network service plan per port.

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

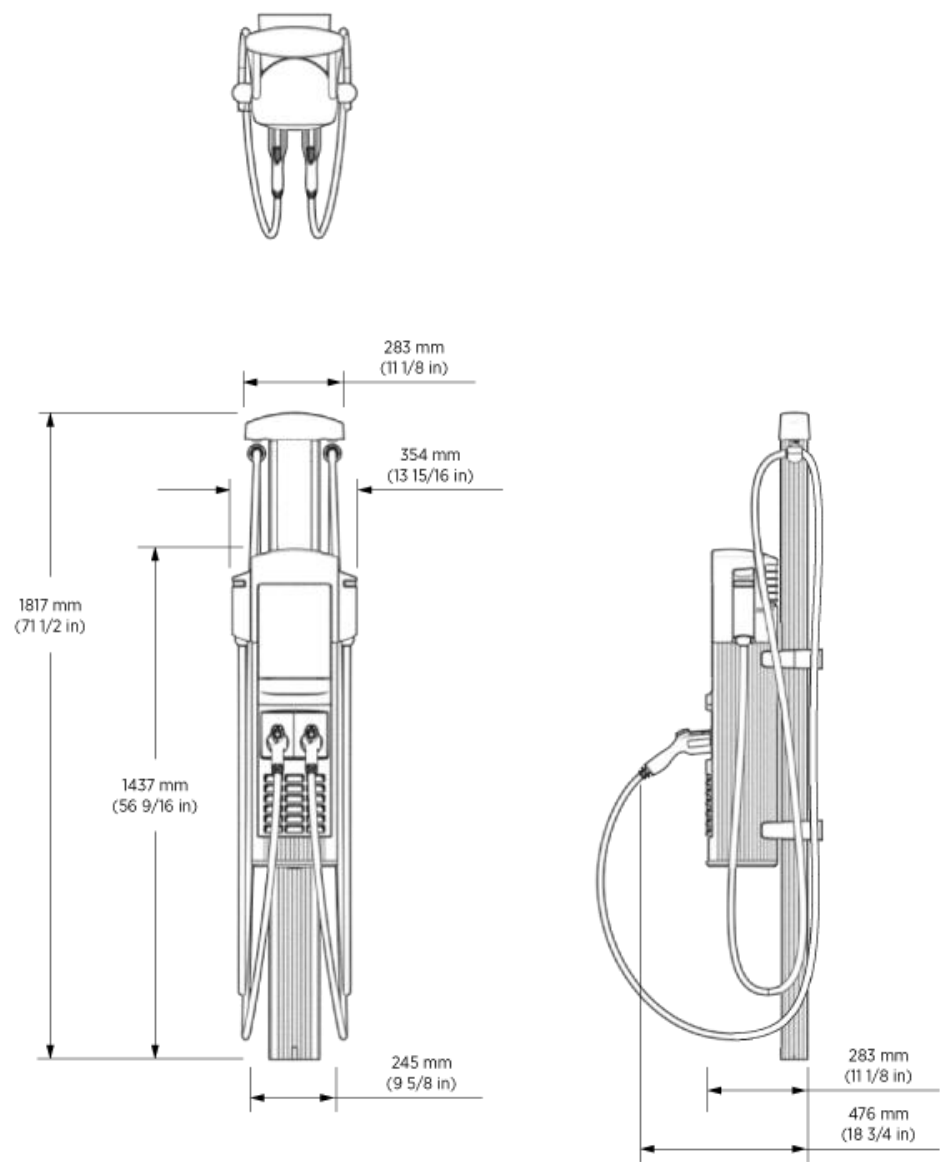
# Architectural Drawings and Dimensions

## Pedestal Mount



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Wall Mount



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## General Specifications

### Electrical Input

The CP6000 AC Commercial Station supports flexible electrical input/output settings up to 80 A to fit your fueling needs, whether for a workplace, multi-family dwelling, or other application.

Power Select allows stations to be installed and configured for current lower than the maximum 80 A. Power Select current options include 16 A, 24 A, 32 A, 40 A, 48 A, 50 A, 56 A, 64 A, and 72 A.

Power Share allows a dual-port station to share power from a single circuit across two ports, adjusting power depending on whether one or both are charging. Standard wiring uses an independent circuit for each port. Power Share can be used in combination with Power Select.

| Station | Electrical Input                            | Single Port<br>(AC Voltage 208 / 240 V AC) |                                                              |                                                                | Dual Port<br>(AC Voltage 208 / 240 V AC) |                                                                           |                                                                    |
|---------|---------------------------------------------|--------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------|
|         |                                             | Input Current                              | Input Power Connection                                       | Required Service Panel Breaker                                 | Input Current                            | Input Power Connection                                                    | Required Service Panel Breaker                                     |
| 80 A    | Maximum 80 A<br>(Standard)                  | 80 A                                       | One 100 A branch circuit                                     | 100 A dual pole (non-GFCI)                                     | 80 A x 2                                 | Two independent 100 A branch circuits                                     | 100 A dual pole (non-GFCI) x 2                                     |
|         | Maximum 80 A<br>(Power Share*)              | N/A                                        | N/A                                                          | N/A                                                            | 80 A                                     | One 100 A branch circuit                                                  | 100 A dual pole (non-GFCI)                                         |
|         | Power Select**<br>16 A – 72 A<br>(Standard) | 16 A - 72 A                                | One branch circuit rated 125% of input current (20 A – 90 A) | Dual pole (non-GFCI) rated 125% of input current (20 A – 90 A) | 16 A - 72 A x 2                          | Two independent branch circuits rated 125% of input current (20 A – 90 A) | Dual pole (non-GFCI) rated 125% of input current (20 A – 90 A) x 2 |
|         | Power Select 16 A                           | N/A                                        | N/A                                                          | N/A                                                            | 16 A - 72 A                              | One branch circuit rated 125% of                                          | Dual pole (non-GFCI)                                               |

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|                            |                                             |                                                                           |                                                              |                                                                      |                                |                                                                           |                                                                           |
|----------------------------|---------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|
|                            | - 72 A<br>(Power Share)                     |                                                                           |                                                              |                                                                      |                                | input current (20 A – 90 A)                                               | rated 125% of input current (20 A – 90 A)                                 |
| 50 A                       | Maximum 50 A<br>(Standard)                  | 50 A                                                                      | One 70 A branch circuit                                      | 70 A dual pole (non-GFCI)                                            | 50 A x 2                       | Two independent 70 A branch circuits                                      | 70 A dual pole (non GFCI) x 2                                             |
|                            | Maximum 50 A<br>(Power Share*)              | N/A                                                                       | N/A                                                          | N/A                                                                  | 80 A                           | One 70 A branch circuit                                                   | 70 A dual pole (non GFCI)                                                 |
|                            | Power Select**<br>16 A – 48 A<br>(Standard) | 16 A - 48 A                                                               | One branch circuit rated 125% of input current (20 A – 60 A) | Dual pole (non-GFCI)<br><br>rated 125% of input current (20 A- 60 A) | 16 A - 48 A x 2                | Two independent branch circuits rated 125% of input current (20 A – 60 A) | Dual pole (non-GFCI)<br><br>rated 125% of input current (20 A – 60 A) x 2 |
|                            | Power Select 16 A - 48 A<br>(Power Share)   | N/A                                                                       | N/A                                                          | N/A                                                                  | 16 A - 48 A                    | One branch circuit rated 125% of input current (20 A – 60 A)              | Dual pole (non-GFCI)<br><br>rated 125% of input current (20 A – 60 A)     |
| Service Panel/Breaker GFCI |                                             | Do not provide external GFCI as it may conflict with internal GFCI (CCID) |                                                              |                                                                      |                                |                                                                           |                                                                           |
| Wiring – Standard          |                                             | 3-wire (L1, L2, Earth) No neutral                                         |                                                              |                                                                      | 5-wire (L1, L1, L2, L2, Earth) |                                                                           |                                                                           |
| Wiring – Power Share       |                                             | N/A                                                                       |                                                              |                                                                      | 3-wire (L1, L2, Earth)         |                                                                           |                                                                           |
| Station Power              |                                             | 8 W typical (standby), 15 W maximum (operation)                           |                                                              |                                                                      |                                |                                                                           |                                                                           |

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|                        |               |
|------------------------|---------------|
| Line to Ground Voltage | 120 V +/- 10% |
|------------------------|---------------|

## Electrical Output for 80A Station

| Electrical Output                    | Single Port<br>(AC Voltage 208 / 240 V AC) | Dual Port<br>(AC Voltage 208 / 240 V AC)                                                     |
|--------------------------------------|--------------------------------------------|----------------------------------------------------------------------------------------------|
| Maximum 80 A (Standard)              | 19.2 kW (240 V AC @ 80A)                   | 19.2 kW (240 V AC @ 80 A)                                                                    |
| Maximum 80 A (Power Share)           | N/A                                        | 19.2 kW (240V AC @ 80A) x 1<br>or<br>9.6 kW (240V AC @ 40A) x 2                              |
| Power Select 16A - 72A (Standard)    | 3.8 kW - 17.3 kW (240V AC @ 16A - 72A)     | 3.8 kW - 17.3 kW (240V AC @ 16A - 72A) x 2                                                   |
| Power Select 16A - 72A (Power Share) | N/A                                        | 3.8 kW - 17.3 kW (240V AC @ 16A - 72A) x 1<br>or<br>1.9 kW - 8.6 kW (240V AC @ 8A - 36A) x 2 |

## Electrical Output for 50A Station

| Electrical Output                 | Single Port<br>(AC Voltage 208 / 240 V AC) | Dual Port<br>(AC Voltage 208 / 240 V AC)                        |
|-----------------------------------|--------------------------------------------|-----------------------------------------------------------------|
| Maximum 50A (Standard)            | 12.0 kW (240V AC @ 50A)                    | 12.0 kW (240V AC @ 50A)                                         |
| Maximum 50A (Power Share)         | N/A                                        | 12.0 kW (240V AC @ 50A) x 1<br>or<br>6.0 kW (240V AC @ 25A) x 2 |
| Power Select 16A - 48A (Standard) | 3.8 kW - 11.5 kW (240V AC @ 16A - 48A)     | 3.8 kW - 11.5 kW (240V AC @ 16A - 48A) x 2                      |
|                                   | N/A                                        | 3.8 kW - 11.5 kW (240V AC @                                     |

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|                                      |  |                                                                     |
|--------------------------------------|--|---------------------------------------------------------------------|
| Power Select 16A - 48A (Power Share) |  | 16A - 48A) x 1<br>or<br>1.9 kW - 5.8 kW (240V AC @ 8A<br>- 24A) x 2 |
|--------------------------------------|--|---------------------------------------------------------------------|

## Mounting and Functional Interfaces

|                            |                                                                                                                                                                                                                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connector Type             | J1772, NACS (Omni Port)                                                                                                                                                                                                                                                                                   |
| Number of Ports            | Single, dual                                                                                                                                                                                                                                                                                              |
| Mounting                   | Pedestal, wall                                                                                                                                                                                                                                                                                            |
| Cable Length               | 18 ft (5.5 m), 23 ft (7 m)                                                                                                                                                                                                                                                                                |
| Cable Management           | Yes                                                                                                                                                                                                                                                                                                       |
| Authentication and Payment | RFID: ISO 15693, ISO 14443, NEMA EVSE 1.2-2015 (UR)<br>Virtual RFID NFC (Tap to Charge)<br>Contactless credit card<br>Virtual Contactless credit card Apple Pay / Google Pay<br>EMV chip credit card (available on -CHIP models only)<br>Remote: Mobile App and In Vehicle Dash (if supported by vehicle) |
| Locking Holster            | Yes                                                                                                                                                                                                                                                                                                       |
| ISO 15118 Protocol         | Supported by hardware                                                                                                                                                                                                                                                                                     |
| Display                    | Full color 8-inch interactive display with full motion video, UV protection, gesture touch controls, and multi-language support                                                                                                                                                                           |

## 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 J1772TM specifications                         |
| Energy Measurement           | Meter accuracy 1%<br>Accuracy class 2.0                                 |

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|                                |                                                                            |
|--------------------------------|----------------------------------------------------------------------------|
|                                | Acceptance tolerance 1.0%                                                  |
| Power Report/Store Interval    | 15-minute interval aligned to hour. Responsive to load management signals. |
| Local Area Network             | Wi-Fi 2.4 GHz and 5GHz (802.11 a/n/b/g)                                    |
| Wide Area Network              | LTE Category 4                                                             |
| Network Communication Protocol | OCPP 2.0.1                                                                 |
| Ethernet connection            | Capable with accessory                                                     |

## Safety and Operational Ratings

|                                   |                                                                                                                                           |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Station Enclosure Rating          | Type 3R per UL 50E                                                                                                                        |
| Safety and Compliance             | UL and cUL listed; complies with UL 2594, UL 2231-1, UL 2231-2, and NEC Article 625<br><br>Energy Star<br><br>NTEP/CTEP                   |
| Station Surge Protection          | 6 kV @ 3,000 A. In geographic areas subject to frequent thunderstorms, supplemental surge protection at the service panel is recommended. |
| Short Circuit Current Rating      | 5 kA                                                                                                                                      |
| EMC Compliance                    | FCC Part 15 Class B                                                                                                                       |
| Operating Temperature             | -40°C to 50°C (-40°F to 122°F)                                                                                                            |
| Non-Operating Temperature         | -40°C to 60°C (-40°F to 140°F)                                                                                                            |
| Terminal Block Temperature Rating | 105°C (221°F)                                                                                                                             |
| Operating Humidity                | Up to 85% @ 50°C (122°F) non-condensing                                                                                                   |
| Non-Operating Humidity            | Up to 95% @ 50°C (122°F) non-condensing                                                                                                   |

## Other Specifications

|        |                            |
|--------|----------------------------|
| Weight | Wall Mount: 68 kg (150 lb) |
|--------|----------------------------|

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|          |                                |
|----------|--------------------------------|
|          | Pedestal Mount: 77 kg (170 lb) |
| Warranty | Limited 2-Year Parts Warranty  |

### Contact Us

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