

# Express 250

## The Future of DC Fast Charging

The ChargePoint Express 250 family is designed to meet the fast charging needs of today's and tomorrow's electric vehicles.

ChargePoint® Express 250 is based on industry-leading DC fast charging technology, engineered to fast charge current and next-generation electric cars, buses and trucks. Each station is equipped with two Power Modules that deliver up to 62.5 kW to a vehicle. The station supports legacy and future battery packs from 200V to 1,000V. High-efficiency power conversion (> 95%) reduces electricity costs and wasted energy.

Stations can be equipped with up to two different connector types and an elegant cable management system keeps charging cable off the ground. Ergonomic, user-friendly design delights drivers and makes it easy and safe to charge. A 254 mm (10 in) LCD touchscreen lets drivers interact with instructions, information or promotions. A 508 mm (20 in) wide-format LED display notifies drivers of station availability and status. Integrated area lighting creates a safe and comfortable environment for drivers. The ChargePoint mobile app and in-dash systems tie everything together: drivers can locate stations, get in line to charge at busy stations, instantly start charging, see their charging status and track their activity over time.

Built-in cellular networking enables remote management of the station, while ChargePoint Cloud Services make it simple for station owners to customize charging stations to meet their specific requirements. Advanced features manage energy costs, support sophisticated pricing models, control who can access stations and more. Reports offer detailed information about station utilization and energy use, making it simple to plan for ongoing investments and growth. Automatic software upgrades ensure the latest features are always available to drivers and station managers.

Fault-tolerant design, instrumentation for remote monitoring and intelligent diagnostics allow the world-class ChargePoint support team to provide proactive alerts to prevent station outages and eliminate driver frustration.



Express 250 Station

## Driver Engagement

- + A mobile app or in-dash system makes it easy for drivers to manage all their charging activity
- + Two displays optimize driver interaction, showing real-time station availability, state of charge, session pricing, energy dispensed, current wait times and more
- + Integrated cable management keeps cables off the ground and safely out of the way of drivers
- + Innovative swing arms increase charging cable reach and make it simple to plug in with one hand
- + User interface supports touch control, works with gloves and resists vandalism
- + 24/7 ChargePoint phone support ensures drivers are never stranded

## Universal Compatibility

- + Compatible with international electrical grid standards and vehicles (400–480V, 50–60 Hz)
- + Up to two connectors per Express 250 Station support global standards: CHAdeMO, CCS1, CCS2; other connectors will be supported in the future

## Cloud-Based Station Management

- + Real-time station availability and details for drivers
- + Access controls for managing who can use stations and when
- + Total output power can be configured to manage electrical costs or meet site-specific requirements
- + Seven different pricing models simplify tailoring pricing to specific driver groups
- + Multiple authentication and/or payment methods match driver and business needs
- + Secure collection of charging fees from drivers and automated remittance to station owners
- + 24/7 monitoring and data gathering for detailed reports to understand trends
- + Automatic software updates instantly expose the latest features and enhancements

## High Availability and Serviceability

- + Minimal moving parts increase reliability and minimize ongoing field service for maintenance
- + Configurable levels of Power Module redundancy minimize downtime
- + Power Module duty cycle management extends service life
- + Modular components can be installed in the field without any specialized tools or expertise
- + Instrumentation for remote monitoring, intelligent diagnostics and machine learning predicts failures and ensures high availability

## When Charging is Mission Critical, Protect Your Investment with ChargePoint Assure

- + **Minimize downtime:** ChargePoint Assure provides the most comprehensive EV Station maintenance and management in the industry
- + **Get up and running quickly and flawlessly:** Professional guidance for station configuration saves you time, and unlimited changes to station policies flexibly supports your business
- + **Eliminate unexpected future expenses:** Cost for parts and on-site labor to install is covered for all Assure eligible repairs
- + **One less thing to worry about:** Proactive station monitoring provides you with regular reporting
- + **Reduced risk of downtime:** We guarantee 98% annual uptime and one business day response to requests
- + **Support when you need it:** We're there for you *and* your drivers. Phone support available for station owners Monday to Friday from 5 AM to 6 PM Pacific. Phone support for drivers is 24/7/365, so you never need to field a driver call

## Mobile and In-Dash Integration

- + Real-time availability of stations on the network
- + Drivers can get in line to use busy charging spots
- + Typical wait times help drivers determine the most convenient time to charge
- + Charging status updates by the second with configurable desired state of charge

## Express 250 Station

Cable management keeps cables off the ground and makes it easy to reach charging port in any location

254 mm (10 in) LCD touch display shows pricing, energy usage and more

Dimensions of 2,230 mm x 712 mm x 420 mm (7'4" x 2'4" x 1'4")

508 mm (20 in) LED display shows real-time availability, wait times, state of charge, station pricing and more

Stations can dispense up to 62.5 kW

Supports CHAdeMO, CCS1 and CCS2 connectors; other common connector types will be supported in the future

Configurable with up to two connectors per station






## Power Module

- + Self-contained AC to DC power conversion system
- + Output range between 200V and 1,000V DC
- + Delivers up to 31.25 kW at a max current of 78A
- + Sealed units are easily field installed in Express 250 Stations



## Contact Us:

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