

ChargePoint Enterprise Cloud Plan

Features and Ordering Information

The ChargePoint® Enterprise cloud plan makes it simple to manage stations with a real-time graphical dashboard and detailed map. Charging session analytics and reports simplify operations and satisfy management requests for information.

Power management software allows site administrators to maximize the number of charging ports they can deploy while still ensuring EV drivers get an adequate charge. The maximum power available for charging (power limit) can be varied at different times of day (eg, 500 kW during on-peak hours and 1 MW off-peak), or controlled through an API as part of a Building Management System. Support for Open Automated Demand Response (OpenADR), a standardized way for electricity providers to communicate with electricity users, minimizes grid impact and costs when demand for power is high.

When demand for charging exceeds supply, EV drivers have to contend for charging spots. Waitlist lets drivers tap their card at stations to get in a queue and receive notifications when a station is available. Stations are held until the queued driver arrives to plug in.

Setting fees for charging allows electricity costs to be recovered and motivates drivers to move their vehicles when they're done charging to make room for another car. Seven pricing models meet any requirement and a wizard simplifies configuration. Station owners who want to limit access to charging stations at their sites can take advantage of access controls that determine who can charge, and when.

Managing large charging networks can be challenging, especially when they're widely distributed. Features in the Enterprise plan allow configuration of stations and reporting data to be securely delegated to third parties. Station managers also get access to support experts during business hours.

EV drivers who use connected stations get real-time availability of stations, simple navigation, the most convenient charging, tracking of their activity and reporting of helpful tips to assist other drivers. They also get 24 hour phone support so they're never stranded. Full-color high-resolution instructional (or promotional) videos for drivers can be downloaded to stations with displays.

On supported DC stations, dynamic Power Management intelligently allocates available power among stations to maximize the rate at which all connected cars charge. Plug-and-charge is a driver-friendly mechanism that allows vehicles to communicate with charging stations for authentication, authorization and billing without requiring driver intervention (such as waving an RFID card). Additional software uses integrated ultrasonic sensors to determine if a vehicle is present in front of a station so it can automatically wake-up from a low power standby mode. All of these features can be managed and configured over-the-air through ChargePoint Cloud Services.

Remote monitoring and data gathering coupled with intelligent diagnostics and machine learning techniques work together to proactively prevent failures and ensure high availability.

Enterprise Cloud Plan Summary

Feature	Description
Meter Data and Advanced Analytics	Reports meter and other charging data in 15-minute increments.
Building and Energy Management System Integration	Reduces demand charges by controlling the power available to stations based on the overall site load.
Plug-and-Charge (supported stations only)	Authenticates vehicles automatically when they plug in (IEC 15118) based on ChargePoint driver account information.
Dynamic Power Management	Allocates available power among stations dynamically to charge more EVs faster (Express Plus Stations only).
Occupancy Detection	Uses sensors integrated in Express 250 and Express Plus Stations to identify when vehicles are present.
Predictive Maintenance and Diagnostics	Proactively identifies problems and eliminates downtime with heuristics and machine learning applied to real-time station data.
Flex Billing	Gives station managers the option to set prices that drivers pay to use their stations. Funds collected from drivers are electronically transferred to a designated bank account once a month. Different prices can be applied to different driver groups. Prices can be based on energy cost, duration, time of use or session. A pricing wizard is included with suggested pricing plans for different industries.
Waitlist	Lets drivers get in line to use ChargePoint stations.

Enterprise Cloud Plan Summary continued


Feature	Description
Driver Access Controls	Empowers station managers to manage who can access their stations and when.
Administrative Controls (Rights Granting)	Allows secure delegation of configuration tasks and reports to third parties.
Roaming and Interoperability (where available)	Lets drivers of supported third-party networks use accessible ChargePoint stations with one card and one account.
Videos	Allows branded video content to be delivered to supported stations.
Power Management	Manages available power at a circuit, panel or site level so more charging stations can be installed without upgrading existing electrical facilities; also reduces electricity costs by managing the load.
Scheduled Charging	Schedules the time when charging starts to reduce electrical costs.
24/7 Driver Support	Assists EV drivers with questions about charging.
Station Manager Support	Supports station managers over the phone (5 AM – 6 PM PT) or via email.
Charging Data and Analytics	Reports on key station metrics, including status, power and energy use, charging session details and more.
Fleet Vehicle Management	Allows fleet managers to activate RFID cards for fleet vehicles and track their station usage by vehicle.
Fleet Ecosystem Integration	Integrates fleet telematics, fuel card and asset management systems.
Fleet Access Controls	Limits charging to authorized fleet vehicles.
Valet Dashboard	Notifies station managers when cars are done charging so they can be moved.
Power Select	Permits stations to be provisioned on smaller circuits without exceeding the rated capacity.
Network Connection	Enables 24/7 remote monitoring and status of stations.
Automatic Station Software Updates	Downloads software upgrades over the air so the latest features and performance enhancements are always available.
Station Inventory	Displays real-time station availability and details in a simple online dashboard.

Ordering Information

One ChargePoint cloud plan is *required* per port to activate a charging station on the ChargePoint Network.

Description	Order Code
Enterprise Cloud Plan for Level 2 (1, 2, 3, 4 or 5 years)	CPCLD-ENTERPRISE- <i>n</i> ¹
Enterprise Cloud Plan for DC (1, 2, 3, 4 or 5 years)	CPCLD-ENTERPRISE-DC- <i>n</i> ¹
Enterprise Cloud Plan for Express Plus (1, 2, 3, 4 or 5 years)	CPCLD-ENTERPRISE-EXPP- <i>n</i> ¹

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



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