



ChargePoint Express Plus Makes Your Business a Transit Destination

Attract Electric Vehicles on Long Distance Trips

BENEFITS FOR YOU

- + Build cutting-edge charging sites to enable convenient cross-country transit
- + Charge more EVs, faster, with dynamic power sharing
- + Support the EVs of today and tomorrow as battery technology advances
- + Add more charging capacity with ease, whenever it's needed
- + Attract the largest community of EV drivers

BENEFITS FOR EV DRIVERS

- + Take long trips and charge up extra fast
- + Rest easy at charging spots that are safe, have amenities and are easy to access
- + Enjoy exceptional ease of use
- + Find stations and track all charging in a mobile app



The Future of Mobility Is Electric

Electrification is changing the automotive industry and electric vehicle (EV) sales are on track to reach 35% of global car sales by 2040, according to Bloomberg New Energy Finance. Additional research done by McKinsey and Company shows disruption is being driven by dramatic reductions in battery costs and emission regulations, as well as an increase in the availability of charging stations. As EVs become more common, they need to be able to charge everywhere, and drivers will have different requirements depending on where they are.



Mass-Market Long-Range EVs Are Here: Are You Ready?

An MIT study found that EV models on the road can already handle 87% of daily driving needs in the U.S. Attractively priced long-range EVs, such as the Chevy Bolt and Tesla Model 3, will remove the range limitations that have deterred many drivers from going electric and complete the shift to EVs.

Long-range EVs will make highway travel practical, but drivers on long trips will demand faster charging because they will want to minimize their “dwell time.” Ultra-fast DC charging centers along highways will be the last step in the transformation of the EV market.

“For the first time ever, you’ll soon be able to take an electric vehicle on a coast-to-coast road trip. How? The United States Department of Transportation (DOT) is establishing 48 national electric vehicle charging corridors on our highways. These newly designated electric vehicle routes cover nearly 25,000 miles—which means coast-to-coast zero-emission mobility on our nation’s highways.”

— The White House

WHY EXPRESS PLUS?

- + Modular platform allows ports and power to scale without stranded investment
- + Future-proof architecture supports EV battery technology for the next 10 years
- + Intelligent power sharing charges more cars, faster; can deliver up to 400 kW to an EV
- + High-efficiency power conversion reduces electrical costs and wasted energy
- + Open network charges all types of cars and supports the largest community of EV drivers

What DC Fast Charging Infrastructure Looks Like

The U.S. government has taken action to accelerate the build-out of DC fast charging along major freeways and roads throughout the United States. Plans have been developed to strategically situate charging centers to minimize stops during long distance travel. Sites meet driver needs by being conveniently located near amenities such as restaurants, retail shops and places with WiFi hot spots.




Ultimately, EVs will be able to traverse the entire interstate highway system and the major roads that feed it from cities and metro areas across the country. ChargePoint® Express Plus provides a new level of speed and convenience in a modular platform that charging centers and other businesses along transit corridors can deploy for the EVs of today and the next 10 years.

ChargePoint Express Plus

Express Plus was designed to meet requirements for ultra-fast DC charging today and in the future with a unique system architecture that grows with demand. As more EV drivers hit the highways, it’s simple for station owners to increase port capacity and add power as traffic increases. Charging sites built with Express Plus can grow without forklift upgrades or stranded investment, making it a smart choice for EV charging infrastructure.

Express Plus features fault-tolerant design, instrumentation for remote monitoring, intelligent diagnostics and proactive alerts that prevent station outages. ChargePoint Cloud Services support the largest charging network in the world. A carefully designed dashboard simplifies site operations and provides detailed reports to plan for ongoing investment. The industry’s best mobile app makes it easy for EV drivers to locate and use stations..

For More Information

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