



ChargePoint Innovations Transform EV Charging with Maximum-Speed Bidirectional AC Architecture

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Innovative new architecture sets the benchmark for the future of EV charging with Vehicle-to-Home capability & maximum AC charging speeds

CAMPBELL, Calif.--(BUSINESS WIRE)-- **ChargePoint** (NYSE: CHPT), a leading provider of networked charging solutions for electric vehicles (EVs), today announced a generational leap in AC Level 2 charging technology. The new product architecture will feature game-changing innovations such as bidirectional charging and speeds up to double that of a typical AC Level 2 charger. This architecture will underpin models sold across North America and Europe, with variants being designed for commercial, residential, and fleet applications.

ChargePoint announced new AC Level 2 charging product architecture that will feature innovations including bidirectional charging, with variants being designed for commercial, residential, and fleet applications.

"ChargePoint's next generation of EV chargers will be revolutionary, not evolutionary," said Hossein Kazemi, Chief Technical Officer, Hardware at ChargePoint. "The architecture underpinning them enables highly anticipated technologies which will deliver a significantly better experience for station owners and the EV drivers who charge with them."

Features of ChargePoint's new AC Level 2 architecture include:

- **Vehicle-to-everything capability**, enabling an EV to deliver energy as a zero-emissions generator for a home, a commercial building, or to transfer energy back to the grid.
- **Ultra-fast charging** at the maximum speed possible: 19.2 kW (80A single-phase, North America) or 22 kW (32A 3-phase, Europe), charging a typical EV battery from 0–100% in about four hours.
- **Dynamic load balancing**, which automatically accelerates the charging speed when power is not needed elsewhere in the building.
- **Smart home compatibility** to integrate with solar charging, home batteries and smart energy management systems.
- **Series-wiring capability**, enabling a fleet depot, a multifamily housing garage, or even a single-family home with two EVs to maximize charging without costly service upgrades.
- **ChargePoint® Omni Port** enables charging North American EVs with any of the most common connector types

from a single charging station.

The new architecture arises from ChargePoint's nearly two decades of industry leadership designing and deploying innovative charging stations, with an estimated 61% of public AC Level 2 market share in the USA based on data published by the Alternative Fuels Data Center. The architecture will comply with applicable regulations and programs, including MID and Eichrecht in Europe and ENERGY STAR® in the U.S. The first models to be built on the platform will arrive in Europe this summer, and in North America at the end of 2025.

ChargePoint and the ChargePoint logo are trademarks of ChargePoint, Inc. in the United States and in jurisdictions throughout the world. All other trademarks, trade names, or service marks used or mentioned herein belong to their respective owners.

Forward Looking Statement

This release includes forward-looking statements, within the meaning of the Private Securities Litigation Reform Act of 1995 relating to, among other things, the anticipated benefits, effects and novel features of ChargePoint's announced alternating current (AC) architecture. Forward-looking statements include statements regarding ChargePoint's expectations, beliefs, intentions or strategies regarding the future, and can be identified by forward-looking words such as "anticipate," "believe," "could," "continue," "estimate," "expect," "intend," "may," "should," "proposed," "will" and "would" or similar words. These forward-looking statements involve risks, uncertainties, and assumptions, including risks associated with the effectiveness, usefulness and customer adoption of ChargePoint's announced AC architecture and the charging stations models manufactured with such technology. Additional risks and uncertainties are included in the "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations" sections in ChargePoint's Form 10-K filed with the Securities and Exchange Commission ("SEC") on March 28, 2025, which is available on ChargePoint's website at investors.chargepoint.com and on the SEC's website at www.sec.gov. Forward-looking statements are not guarantees of future performance and actual results could differ materially from those expressed or implied by the statements made herein. All forward-looking statements in this press release are based on information available as of the date hereof and ChargePoint assumes no obligation to revise or update any forward-looking statements for any reason, except as required by law.

About ChargePoint Holdings, Inc.

ChargePoint is creating a new fueling network to move people and goods on electricity. Since 2007, ChargePoint has been committed to making it easy for businesses and drivers to go electric with one of the largest EV charging networks and a comprehensive portfolio of charging solutions. The ChargePoint cloud subscription platform and software-defined charging hardware are designed to include options for every charging scenario from home and multifamily to workplace, parking, hospitality, retail and transport fleets of all types. Today, one ChargePoint account provides access to hundreds of thousands of places to charge in North America and Europe. For more information, visit the [ChargePoint pressroom](#), the [ChargePoint Investor Relations site](#), or contact the [ChargePoint](#)

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