

Electric vehicle charging infrastructure



Growing numbers of electric vehicles (EVs) and the infrastructure to support them is only the start of the electric revolution. EVs will be crucial in supporting the transition to an energy system in which variable renewable generation plays a significant role. With more EVs on the road, we need to charge them efficiently without overloading power networks. Eaton and ChargePoint have a broad product portfolio and the expertise to provide the complete EV charging electrical infrastructure.

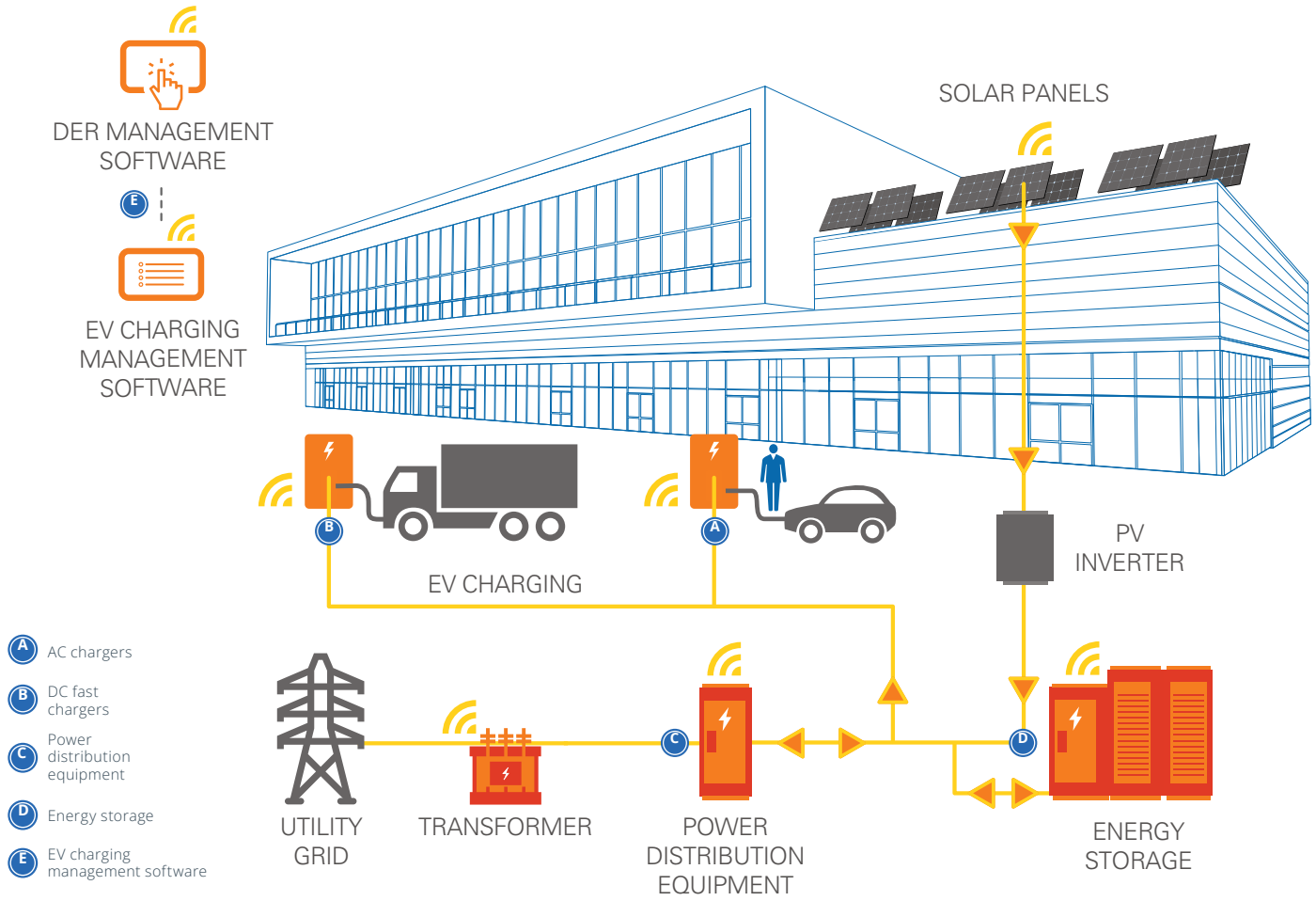
Eaton's EV charging system

- AC chargers
- DC fast chargers
- Power distribution equipment
- Energy storage
- EV charging management software

EATON

Powering Business Worldwide

Eaton and ChargePoint offer a full EV charging infrastructure portfolio that works together to enable our Everything as a Grid approach to building energy management.



A AC chargers

Home Flex CPH50
up to 12kW

CPF50
up to 12kW

CT4000
up to 7.2kW per port

CP6000
up to 19.2kW per port

EV charging busway
up to 19.2kW



B DC fast chargers

Express 250 CPE250
up to 62.5kW



Express 280 CPE280
up to 80kW



GMDC50-150
up to 50-150kW



Express Plus
up to 600kW



C Power distribution equipment

Eaton's broad portfolio of power distribution equipment - loadcenters, panelboards, switchboards, transformers, MV switchgear.



D Energy storage

Eaton xStorage Battery Energy Storage System (250-1000kW)

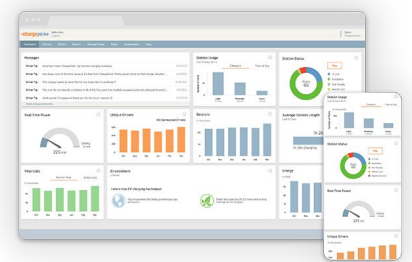


E EV charging management software

ChargePoint Mobile App



ChargePoint Charging Management Software (CMS)



Get complete control and rich insights with unified EV charging management software, while operating the hardware of your choice.

Eaton's Engineering Services capabilities across the power system lifecycle can support larger-scale electric vehicle charging infrastructure (EVCI) deployment.

Field services

Eaton has a national footprint of field service capabilities that provide a broad range of engineering services extending from pre-sale to site commissioning to ongoing maintenance. This field services team can be leveraged for several key aspects of the EVCI.

Feasibility studies

Eaton's team of experienced power systems engineers provide feasibility studies for building the most capable and efficient power management system, while also addressing financial factors. Feasibility studies for microgrids and EVCI installations help our customers evaluate the economics of design and integration.

Turnkey project capabilities

In larger deployments, considerable power distribution equipment upgrades will be required to support EVCI. Eaton's team of project engineers can manage your electrical system upgrades and modernization project from end to end.

What matters:
 Powering companies and communities
 that power themselves.

EVERYTHING AS A GRID

By 2050, the world will need 57% more electricity. Where will it come from? Everywhere.

The sun, the wind, even your electric vehicle. At Eaton, we're helping companies, communities and utilities get the most out of renewables. We're harnessing data to make smarter energy decisions. And we're helping to build a more flexible, resilient and intelligent power grid.

Everything as a Grid is our approach to meeting the energy demands of the future, while improving the lives of people and the health of the planet today. Because the world's energy needs are shifting, but what matters isn't.

[Eaton.com/energytransition](https://www.eaton.com/energytransition)

We make what matters work.

Find out more about
 how we can help at
[Eaton.com/
 EVCI](https://www.eaton.com/EVCI)

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