

## Electric vehicle charging infrastructure



Growing numbers of electric vehicles (EVs) and the infrastructure to support them is only the start of the electric revolution. In the future, EVs will play a key role 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 has a broad product portfolio and the expertise to provide the complete EV charging electrical infrastructure.

### Eaton's EV charging system

- AC charger range
- DC charger range
- Power distribution equipment
- Energy storage
- Digital solutions

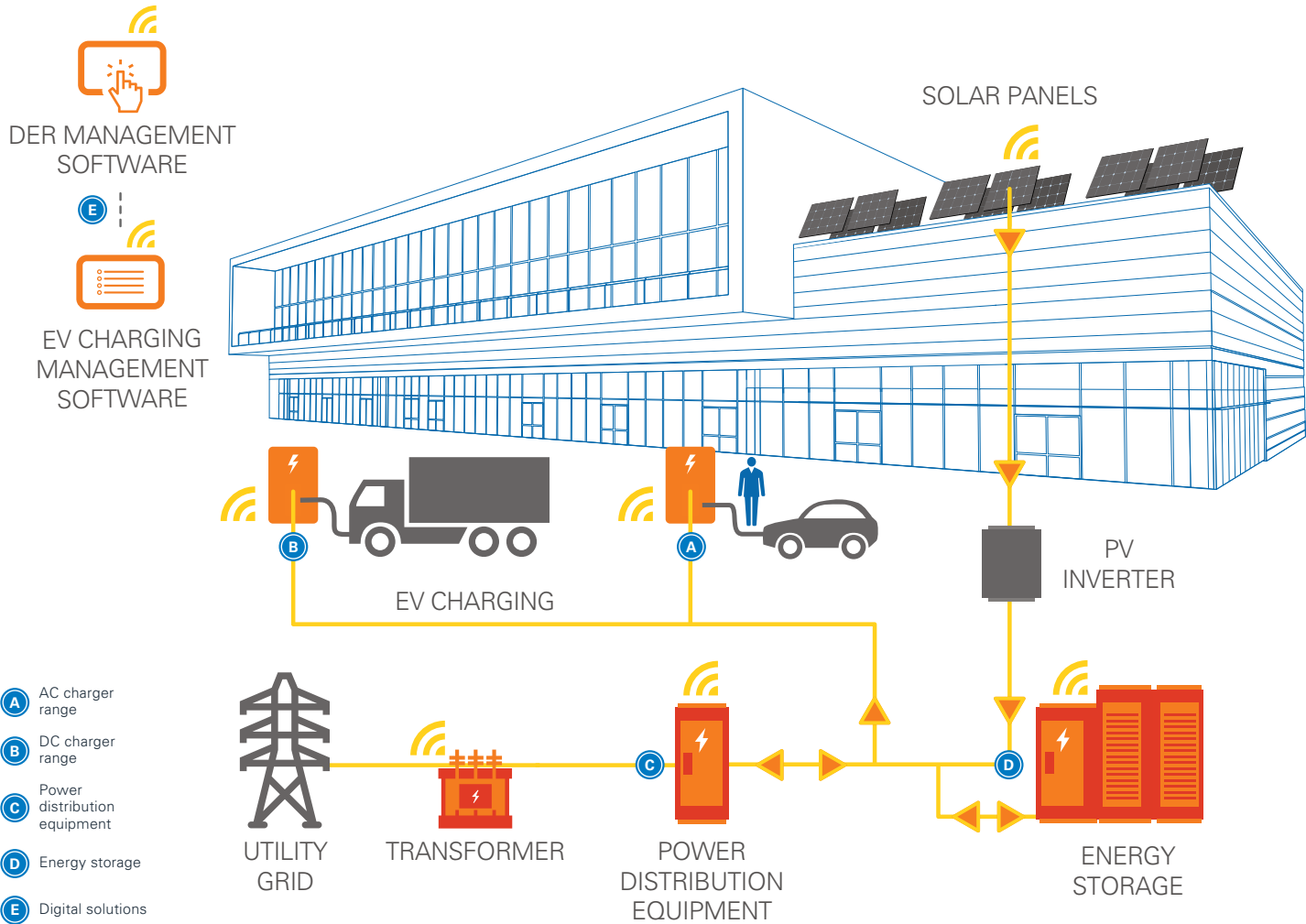


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Eaton’s full EV charging infrastructure portfolio works together to enable our Everything as a Grid approach to building energy management



**A** AC charger range

Eaton Green Motion EV Smart Breaker up to 7.7 kW @ 240 Vac	Eaton Green Motion Building up to 9.6kW @ 240 VAC	Eaton Green Motion Building Pro up to 11.5kW @ 240 VAC	Eaton Green Motion Fleet up to 19.2kW @ 240 VAC	Eaton Green Motion Fleet Pro (metal enclosure) up to 19.2kW @ 240 Vac
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## B DC charger range

Eaton DC fast chargers up to 150 kW



## C Power distribution equipment

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



## D Energy storage

Eaton xStorage 400 battery energy storage system



## E Digital solutions

Eaton Green Motion EV Charger Manager app for EV Smart Breaker Chargers

Eaton EV Charging Network Manager (part of Brightlayer Buildings suite)



Optimize EV charging through software and energy storage.

**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](http://Eaton.com/energytransition)

**We make what matters work.**



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