

Driving the electrification of transport

ABB in e-mobility

As a world leader in electrification, automation, and digital technologies, ABB has been a leader in e-mobility for more than a decade. ABB partners with vehicle OEMs, charging networks, fleet operators and power utilities to accelerate deployment of EVs across all modes of transportation.



>20,000

DC fast chargers deployed globally in the past 10 years

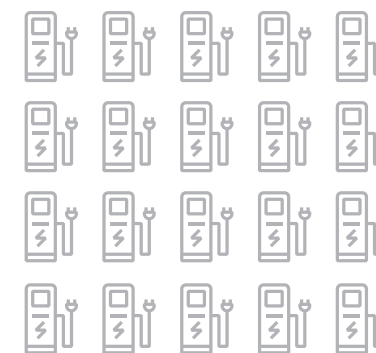


ABB transit charging systems deployed in the U.S. meeting Buy America requirements



Furthering the electrification of transport



Ferries
ABB powers the [Maid of the Mist](#), the first all-electric ferry in the U.S.



Energy storage
ABB integrates battery storage with charging station systems



Grid connection
ABB offers all the equipment needed for charging station make-ready



Bi-directional charging
Vehicle-to-grid charging enables fleet operators to sell surplus power back to the grid



Software
ABB enables smart connectivity and remote services for public charging networks and fleet managers

What's next?

Fully committed to the future of e-mobility

1. Proactive, future-proofed technology roadmap
2. Developing MW-scale charging solutions for heavy-duty vehicles
3. Strong industry partnerships with OEMs, charging networks, fleets, and utilities
4. Promoting interoperability to accelerate the market
5. Corporate ethos of sustainability

EV industry firsts

ABB led the industry in a series of firsts in the U.S.

1



Nation's first public CCS charger 2013

2



First public 150 kW charger 2017

3



First 350 kW charger using liquid-cooled cable technology 2018