Sustainable mobility

ABB leads the global charging infrastructure market.

• Over 5,000 fast chargers deployed in more than 50 countries
• Supporting all relevant global charging standards and electric vehicle manufacturers in research and development.
• Highest power chargers recharge an electric car 3× faster than today’s standard.

Through our EV charging solutions portfolio and the ABB Ability™ platform, ABB is a leader in enabling smarter, greener and emission-free transport networks across the globe.

ABB Ability™ allows for end-to-end network management and the effective planning of maintenance, improving the entire service process. This technology is connected via a special ABB industry protocol to a cloud system run through Microsoft Azure.

ABB has provided charging solutions as part of its drive to promote sustainable mobility since 2010 and has sold more than 5,000 cloud-connected DC fast-chargers around the world for passenger cars and commercial vehicles.

Charge and go for buses in 3-6 min

10 % lower energy consumption
10× smaller and 2× more effective
30 % less diesel

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2013
• Launch of multi-standard Terra S3
• Global launch of Terra S3 variants

2012
• First nationwide DC networks in Estonia, Denmark & the Netherlands
• First demo of CCS charging in Los Angeles, USA
• DC networks spread globally throughout Europe, USA & Asia

2014
• ABB launched Terra 51 charger
• First 50 kW charger in the EU
• First EV’s with DC charging
• First nationwide DC networks in Estonia, Denmark & the Netherlands
• First demo of CCS charging in Los Angeles, USA
• DC networks spread globally throughout Europe, USA & Asia

2017
• ABB launched its new Terra HP high-power charging station
• First modular 150-350 kW product on the market

Near future

• Enhanced connectivity solutions
• DC-chargers at home
• Country wide ultra-fast charging corridors

Major developments over the past decade