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ABB launches the world's fastest electric car charger

- Can deliver 100km of range in less than three minutes
- Only charger designed explicitly to charge up to four vehicles at once
- Ideal for refueling stations, urban charging stations, retail parking and fleet applications

ABB is today launching an innovative all-in-one Electric Vehicle (EV) charger, which provides the fastest charging experience on the market.

ABB's new Terra 360 is a modular charger which can simultaneously charge up to four vehicles with dynamic power distribution. This means that drivers will not have to wait if somebody else is already charging ahead of them. They simply pull up to another plug. The new charger has a maximum output of 360 kW and is capable of fully charging any electric car in 15 minutes or less, meeting the needs of a variety of EV users, whether they need a fast charge or to top their battery up while grocery shopping.

"With governments around the world writing public policy that favors electric vehicles and charging networks to combat climate change, the demand for EV charging infrastructure, especially charging stations that are fast, convenient and easy to operate is higher than ever," said Frank Muehlon, President of ABB's E-mobility Division. "The Terra 360, with charging options that fit a variety of needs, is the key to fulfilling that demand and accelerating e-mobility adoption globally."

"It's an exciting day for ABB, who as the global leader in electric vehicle fast charging, is playing a key role in enabling a low carbon society," said Theodor Swedjemark, Chief Communications and Sustainability Officer at ABB. "With road transport accounting for nearly a fifth of global CO2 emissions, e-mobility is critical to achieving the Paris climate goal. We will also lead by example by switching our entire fleet of more than 10,000 vehicles to non-emitting vehicles."

Available in Europe from the end of 2021, and in the USA, Latin America and Asia Pacific regions in 2022, Terra 360 is designed with the daily needs and expectations of EV drivers in mind. Leveraging the rich field experience gained by ABB E-mobility's large installed base, the Terra 360 delivers speed and convenience along with comfort, ease-of-use and a sense of familiarity.

Its innovative lighting system guides the user through the charging process and shows the State of Charge (SoC) of the EV battery and the residual time before the end of an optimal charge session. The world's fastest EV charger is also wheelchair accessible and features an ergonomic cable management system that helps drivers plug in quickly with minimal effort.

As well as serving the needs of private EV drivers at fueling stations, convenience stores and retail locations, Terra 360 chargers can also be installed on an organization's commercial premises to charge electric fleet cars, vans and trucks. This gives owners the flexibility to charge up to four vehicles overnight or to give a quick refill to their EVs in the day. Because Terra 360 chargers have a small footprint, they can be installed in small depots or parking lots where space is at a premium.

Terra 360 chargers are fully customizable. To personalize the appearance, customers can 'brand' the chargers by using different foiling or changing the color of the LED light strips. There is also the option to include an integrated 27" advertisement screen to play video and pictures.

ABB is a world leader in electric vehicle infrastructure, offering the full range of charging and electrification solutions for electric cars, electric and hybrid buses, vans, trucks, ships and railways. ABB entered the e-mobility market back in 2010, and today has sold more than 460,000 electric vehicle chargers across more than 88 markets; over 21,000 DC fast chargers and 440,000 AC chargers, including those sold through Chargedot.

ABB high-power chargers are already being deployed around the world through the company's partnerships with international charging operators such as IONITY and Electrify America.

To explore ABB's electric vehicle charging technology, visit www.abb.com/ev-charging.

ABB (ABBN: SIX Swiss Ex) is a leading global technology company that energizes the transformation of society and industry to achieve a more productive, sustainable future. By connecting software to its electrification, robotics, automation and motion portfolio, ABB pushes the boundaries of technology to drive performance to new levels. With a history of excellence stretching back more than 130 years, ABB's success is driven by about 105,000 talented employees in over 100 countries. www.abb.com

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