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EVBox and Smappee sign agreement to bring electric vehicle smart charging to the next level

EVBox Smart Charging lets EV drivers connect their charging station with solar power to charge their car in a self-sufficient and eco-friendly way

Amsterdam, July 2nd, 2019 - Global charging station manufacturer EVBox and smart energy management pioneer Smappee have entered a multi-year agreement to roll out smart charging products globally. With the new **EVBox Smart Charging** solution, powered by Smappee, cities, companies and electric vehicle drivers will enjoy a number of benefits that will enhance their charging experience.



The future of electric vehicle charging

Smart charging allows for the charging speed and time of an electric vehicle to adapt to a number of factors, including available grid capacity, location owner requirements, and the needs of the driver.

EVBox already offers a number of smart features located inside their charging stations, including the ability to set a maximum capacity on a charger (*‘peak shaving’*), and distribute available energy capacity proportionally over multiple active charging stations (*‘load balancing’*).

The new EVBox Smart Charging solution, powered by Snappee, will take EV charging to the next level. By adding a module to the electrical panel that allows owners to safely balance the energy usage of their charging station with other appliances in the building, EVs will be charged more efficiently. In particular, during peak hours when more appliances are used (*such as in the morning when everyone arrives simultaneously at the workplace*), the feature (*‘dynamic load balancing’*) will avoid overloading the grid and ensure the most efficient use of available power capacity.



Charging your electric car with solar energy

In order to make driving EVs as sustainable as possible, the source of the energy used for charging is extremely important. Especially for home owners who have an EV, the ability to charge using self-generated energy from solar panels on their roof is a much-requested feature.

EVBox Smart Charging+ allows users to connect the solar power they generate to their home charging station, making charging sessions both self-sufficient and sustainable. Drivers can get real-time data on charging, as well as all other electricity consumption and solar production through a complimentary mobile app. The mobile app also shows associated costs and analyzes energy usage over time. Based on those insights, EV drivers can make informed changes in their energy and charging behaviour, giving them full control over their energy usage.

EVBox Smart Charging is CE / UL certified, available across Europe by July 2019, and will be available in the US by the end of 2019. It is compatible with all EVBox BusinessLine and HomeLine stations, and will also be compatible with the new Elvi stations arriving later in 2019.

About Smappee

Smappee is an [award-winning](#) global cleantech company that aims to save its customers energy and money by reducing energy consumption and improving energy efficiency. Our future-proof energy monitoring system uses state-of-the-art technology to analyze the real-time use of electricity, solar power, gas and water. Smappee is a leading player in its field, offering accurate energy data down to the appliance level. Thanks to its low TCO and multiple integration options, Smappee is the perfect match for ESCOs and companies looking for IoT energy technology integrations.

ABOUT EVBOX

EVBox is the leading global manufacturer of electric vehicle charging stations and charging management software. With an installed base of over 75,000 charging points across more than 55 countries worldwide, EVBox drives sustainable mobility, by bringing durable electric vehicle charging solutions to the world. EVBox has offices in Amsterdam, Antwerp, Copenhagen, Oslo, Milton Keynes, Madrid, Munich, Paris, Bordeaux, New York and Los

Angeles. Since March 2017, EVBox is a part of ENGIE. In 2018, EVBox acquired ultra-fast charging station manufacturer EVTronic, adding 700 previously installed fast charging stations to its European network.



EVBox