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EVBox Troniq Modular technology tested and validated by key EVBox partners with the Early Adopter Program

EVBox, a leading provider of charging solutions, has concluded its Early Adopter Program (EAP) for the EVBox Troniq Modular. The program tested the long term use of the charging station before its wide commercialization. The various test phases of the EAP program are part of EVBox's commitment to offer quality solutions at the cutting edge of innovation and to always provide the best charging experience.

The EAP program: ensuring the performance of the EVBox Troniq Modular in the field before its commercialization

AMSTERDAM, October 6, 2022 — The objective of the EAP program was to validate the performance and compatibility of [EVBox Troniq Modular](#) charging stations with all types of vehicles, by carrying out on-site tests in real conditions. A network of trusted partners has participated in this tailor-made program, with the installation and deployment of EVBox Troniq Modular charging stations throughout Europe. Manufactured in France, the EVBox Troniq Modular has eight power modules ranging from 90 to 240 kW and meets the needs of fast charging (439 km of autonomy in 21 minutes of charging).

This program focused on three major areas:

- Installation and commissioning
- Testing of the charging station (including technical tests of the chargers on site and in the laboratory, performance and compatibility tests with EVs)
- User testing (e.g. interactions with the end customer, perceptions and handling of the charger, design and operation of the station)

The purpose of the program was to check the scalability of the power capacity, test the simultaneous load and dynamic power management and gather feedback on the handling and efficiency of the EVBox Troniq Modular.



A robust development and testing program with up to 10.000 transactions

Prior to the official roll-out of the EVBox Troniq Modular on the market, the EAP program was held over a period of nearly 14 months to gather feedback from installers, maintainers, operators and users and improve the product to ensure top-notch quality. With up to 10.000 transactions and 30 charging sessions per day for a two-connector charging station, the main use of the EVBox Troniq Modular is for public fast charging.

The EVBox Troniq Modular has been tested with different use cases and climates (heat, snow, rain). Installed in public hubs, truck manufacturers' laboratories or workplaces, the charging station has been extensively tested with multiple cars of various brands and battery types.

Finally, the EAP program has improved the connectivity of cables and plugs, the ergonomics of the cables (lighter and more resistant to time), facilitated the installation process or improved the touch points of the terminal (e.g. LED visibility, version and compatibility of the HMI screen). It is also an excellent way to progress in terms of design, quality, compliance, standards and to adjust the manufacturing process.

Trusted partners accompany EVBox in its deployment

To meet everyone's needs and adapt to the different climates, the EAP program has been introduced in several European countries (France, Norway, Spain, Germany). The EVBox Troniq Modular has proven its worth, one of the successful installations being in the south of France within the Toulouse Metropole. In 2022, more than 40 charging stations will be deployed on the Alizé and Réveo networks in France and on several sites in Norway. The general functional tests of the EVBox Troniq Modular were made possible thanks to the partners who trusted EVBox by joining the EAP program.

“Being part of the EAP programme enables us to be in the forefront of innovation and of the latest technologies in the area of fast charging. The EAP programme has allowed us to choose a modular technology for our future projects, notably for the project Vilagil in connection with the decarbonisation of the Toulouse Metropole.”

— Guillaume Male (Director of Operations, Bouygues Energies & Services)

“The EAP programme is the outcome of our 14 year old experience in fast charging: testing on the field enables us to guarantee the quality of our products throughout the whole EV charging value chain: installers, maintenance, supervisors and users. EVBox is grateful for the trusting partners who took part in the EAP programme and who participated in the co-creation of the EVBox Troniq Modular functionalities. EVBox places its partners at the heart of innovation.”

— Amélie Trégouët (Regional Director EVBox France)

ABOUT EVBOX

Founded in 2010, [EVBox](#) empowers forward-thinking businesses to build a sustainable future by providing flexible and scalable electric vehicle charging solutions. With its offering of residential, commercial and fast charging stations, as well as scalable charging management software, EVBox ensures that electric mobility is accessible to everyone. The company has shipped over 400,000 charging ports to customers and partners and processes more than 1.4 million charging transactions per month on the EVBox Everon charging management

software. Backed by [ENGIE](#), EVBox is a leader in R&D, with facilities across Europe and North America developing groundbreaking electric vehicle charging technology.



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