



AN ULTRAFAST CHARGE ELECTRIC BUS LAUNCHED IN NICE

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The Watt System, an ultrafast charging device that gives a virtually unlimited autonomy to the equipped electric bus was inaugurated for its world premiere at the Nice airport. There will be tested in real conditions between January and June 2015. The manufacturer is confident about the multiple benefits of the technology that would be a solution for the future of electric mobility.



Early November, the Nice airport officially launched a 100% electric bus line equipped with the Watt System technology that allows it to benefit from an almost unlimited autonomy. Developed by the PVI group (Power Vehicle Innovation), the Watt System relies on ultrafast refills (under 20 seconds) of electric batteries at each stop thanks to a device called "Totem". Each operation provides the electric bus with about 800 meters of autonomy, allowing it to join the next stop.



(Source: PVI – Power Vehicle Innovation)

Cost Effectiveness

In trials since October 2014, the electric shuttle with unlimited autonomy will be operational from January 2015 for an initial period of six months after which an evaluation will be conducted. In addition to its ability to operate without interruption, the Watt System device has the advantage of blending with the urban landscape and to be compatible with all models of electric buses. It also does not require a dedicated line. An onboard battery of 42 kWh even offers the bus an extra range of over 30 km which allows it to skip stations if needed and rally the depot and the bus line. PVI suggests that the use of its system reduce CO2 emissions by 800 to 1200 tonnes per year and fuel consumption by 400,000 liters, enough to pay off the investment after 10 years.

www.lavoiturehybride.com (in french)

<http://www.michelinchallengebibendum.com/fre/autre-rendez-vous/Busworld-Europe-2013/Watt-System>