

Socomec Mobile Energy Storage Solution at “500 nocturnes” race

Benfeld, 18th September 2019

Socomec will be present on the 21st and 22nd of September at the 5th edition of the endurance race, the “500 nocturnes”, on the Rhine Ring circuit, to present its project e'car, demonstrator of new mobile storage solutions Energy.

As an active player in the energy transition, Socomec continues to invest in the development of stationary and mobile storage solutions. On the occasion of the “500 nocturnes” race, Socomec presents its e'car demonstrator: a mobile energy storage unit and the electric powered vehicle that completes it. This vehicle powered by the Socomec mobile solution will perform demonstration laps during tests. This program, conducted in partnership with E'nergys, IBS and Pegasus Racing, aims to enable the rapid recharging of future electric racing cars, using clean energy storage solutions and without requiring investment in the infrastructure of the automotive circuit.

Ivan Steyert, CEO of Socomec, highlights the progress of this demonstrator: *“We have accepted a challenge to build a mobile energy storage unit, a first to date. We have the right resources to do so: proven expertise, reliable systems, the ability to adapt our technologies to highly demanding environments. One of the technical challenges is the transport of ready-to-use batteries, which is not possible today with traditional batteries. This is why, for this project, we are entering into a partnership with the IBS company which specialises in this field.”*

Beyond the sports application, the mobile power unit will be used to supply electricity temporarily to many types of applications: remote sites, sports and cultural events, trade fairs, construction sites, emergency response, etc. The power unit is a complementary source of energy with the advantage of being less polluting than a generator set with a smaller carbon footprint.



Energy storage, a major environmental issue

Since 2011, with the advent of photovoltaics, Socomec has developed stationary energy storage solutions, some of which in European demonstrators (Nice Grid and Nice Smart Valley) piloted by Enedis, resulting in a world record of autonomy: 10 hours of islanding. "By simulating a shutdown of the continental grid, supported by batteries and not by diesel generators, the consortium has confirmed the technical feasibility of a clean and industrialised solution for the reliability and regularity of energy supply that is our responsibility," explains Antoine Baveux, Energy Storage Director at Socomec. These solutions help to make electric power accessible in remote areas and to make this energy cleaner. They make it possible to limit the impacts of the intermittent production of renewable energies and to reduce or eliminate the use of fossil-fueled generators.

SOCOMECC: when energy matters...

Founded in 1922, SOCOMECC is an independent industrial group with a workforce of 3600 experts spread over 28 subsidiaries in the world. Our core business: the availability, control and safety of low voltage electrical networks serving our customers' power performance. In 2018, SOCOMECC posted a turnover of 537M€



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