

EKPO will supply fuel cell stack to GCK for their high power Fuel Cell system

EKPO Fuel Cell Technologies (EKPO), a joint venture between ElringKlinger AG and Plastic Omnium, has been selected by GCK as stack supplier for their high power fuel cell system. With this award, EKPO will launch their "NM12 Twin Stack" which boasts a market leading power of over 200kW, and is specially designed for applications with high output requirements.

This system will be adapted by GCK to a range of industrial applications, making its first outing on their hydrogen-powered vehicle that will compete in the 2023 Dakar Rally.

"The specific racing conditions are a uniquely tough proving ground for our products, and the best demonstrator for EKPO and GCK technology. The fact our fuel cell stacks were chosen by GCK makes us very proud," says Julien Etienne, Chief Commercial Officer at EKPO Fuel Cell Technologies.

The decisive reasons for choosing EKPO's stacks were not only their market benchmark power density combined with a compact design and low weight, but above all their mature and already industrialized technology. "EKPO offers a unique product range and already has serial production capacity in place, which makes us a reliable partner from day one", Etienne explains.

Successful launch of EKPO

This award has been granted shortly after EKPO Fuel Cell Technologies (EKPO) started operations in March 2021. The company site in Dettingen/Erms, Germany, is already able to produce up to 10,000 fuel cell stacks per year according to automotive industrial standards as well as key components of a stack, such as bipolar plates or media modules.

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About EKPO Fuel Cell Technologies

EKPO Fuel Cell Technologies (EKPO), headquartered in Dettingen/Erms (Germany), is a leading joint venture in the development and large-scale production of fuel cell stacks for CO₂-neutral mobility. The company is a full-service supplier for fuel cell stacks and components used in passenger cars, light commercial vehicles, trucks, buses, as well as in train and marine applications. Within this context, the company is building on the industrialization expertise of two established international automotive suppliers - ElringKlinger and Plastic Omnium.

The aim of the joint venture is to develop and mass-produce high-performance fuel cell stacks in order to further advance CO₂-neutral mobility - whether on the road, rail, water or off-road.