

Press release

HyRange® - Extender made by Proton Motor is on duty at Hermes

Fuel cells revolutionise local transport and logistics

Hermes is testing a 7.5 to duty vehicle of the UK based company Smith Electric Vehicles, which combines a Fuel Cell HyRange®-Extender of Proton Motor with a battery-electric powertrain. The main argument for this type of vehicle is the prevention of noise emission and pollutant emission, which predestinated this vehicle to operate in urban regions. The vehicle fits for the use of Hermes parcel service as well as 2-man-handling service, e.g. delivery of furniture and equipment.



The drive system is based on the HyRange® fuel cell system combined with a battery. This system meets demands in respect of range, payload and costs, with zero emissions and low-noise drive.

The hydrogen based HyRange®-Extender for electrical battery-driven commercial vehicles and buses provides additional energy for areas of application for which the existing battery capacity is not sufficient enough. Supported by the German NIP (Nationale Innovationsprogramm Wasserstoff- und Brennstoffzellentechnologie) the system was developed as a modular solution in order to ensure a broad range of applications for various platforms. The only emission produced during operation is a small amount of clean, warm water. No harmful substances are produced.

<http://www.proton-motor.com/commercial-vehicles/?lang=en>

Proton Motor Fuel Cell GmbH

Proton Motor is an expert in industrial fuel cells, fuel cell and hybrid systems with more than 17 years of experience in this sector. Based in Puchheim near Munich Proton Motor offers complete fuel cell and hybrid systems from a single source – from the development and production through the implementation of customized solutions. The focus of Proton Motor Fuel Cell GmbH is on back-to-base, for example, for mobile, marine and stationary solutions applications.

The product portfolio consists of base-fuel cell systems, standard complete systems, as well as customized systems. Proton Motor is a wholly owned subsidiary of Proton Power Systems plc. The company is quoted on the AIM market of the London Stock Exchange since October 2006 (code: PPS).

Pictures, video and further information are available from the company website: www.proton-motor.de

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