

Press release



Cooperation for environmentally friendly UPS systems

Hanover, April 20, 2010 - Concept for long back-up times using fuel cell technology combined with uninterruptible power supply

SPower GmbH, specialist for high-quality power protection, and the expert for fuel cell and hybrid systems, Proton Motor Fuel Cell GmbH, have agreed to cooperate in respect to the development, market launch and sales of UPS systems supported by fuel cells.

On their shared stand the general managers of both companies (Robert Schulte, SPower and Thomas Melczer, Proton Motor, see picture) signed their agreement about the exchange of technology and the development of their promising concepts on April 20, 2010.

By combining clean fuel cell technology with flexible modular UPS systems a quasi serial production is possible, where customer specific solutions can be offered without difficulty. The product portfolio contains:-

- Hydrogen supply for the PEM fuel cell modules (Proton Exchange Membrane),
- System cooling,
- Different ratings of fuel cell modules,
- Converters and UPS products for DC and AC applications,
- Battery packs,
- Manual bypasses

These products are of course backed up by a complete service package from fuel logistics to remote system monitoring.

Thomas Melczer: "The wide application range of our fuel cell technology allows us to quickly reach industrial serial production. This way we are combining profitability with environmental friendliness."

Robert Schulte: „Environmental protection and efficiency are today's crucial points for power protection. Our products reliably provide the security demanded. By connecting UPS systems to emission free fuel cell technology we are directing UPS technology towards the future."

The innovation presented during Hanover Fair, the PM Cube S (see picture), offers flexibility and modular scalability for long back-up times. It is built into a 19" cubicle with one cubicle offering room for up to 4 fuel cell modules from Proton Motor complete with related electronics and supply units.

Combined with SPower's 19" technology standardized Cube UPS systems can be offered. Naturally with these concepts customized applications can also be realised.

Information about Proton Motor Fuel Cell GmbH

Proton Motor company, with their head office in Puchheim near Munich, is an expert for industrial Fuel Cells, fuel cell and hybrid systems. Having over 15 years experience in this sector the company offers complete fuel cell and hybrid system solutions - starting from the development and production up to the implementation of customized solutions. The fuel cell expert is focusing on back-to-base applications, e.g. for forklifts or city busses, as well as on stationary solutions.

The product portfolio contains basic fuel cell systems, complete systems - PM Package, as well as customized systems - PM Turnkey. Proton Motor is a 100 percent subsidiary of Proton Power Systems plc. The company has been listed on the London Stock Exchange since October 2006 (Code: PPS)

Information about SPower GmbH

SPower GmbH, Erlangen is an internationally operating company with high quality products and solutions for optimized and secure power supplies. Their range of services covers the supply of UPS systems, telecom power supplies, industrial power supplies, emergency power supplies, and batteries as well as photovoltaic systems including planning, consulting services and after sales service. Technical competence and know-how ensure the fast and beneficial realization of solutions to meet customer application needs.

More information at www.spower.eu and www.proton-motor.de or from

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