MEDIA RELEASE

Proton Motor delivers self-sufficient fuel cell power plant "HyShelter 240" to Shell

| New 240 kW fuel cell power plant powers mobile hydrogen filling station. |
| Three "PM Frame S43" systems with "xelectrix Power" battery storage in "HyShelter 240". |
| After technical acceptance, key product innovation is delivered on a transport platform. |
| Follow-up orders for fuel cell power plant for off-grid power supply planned. |

Puchheim near Munich, November 23, 2021 **– Energy transition relies on zero-emission applications based on hydrogen instead of exhaust gases: The Bavarian hydrogen fuel cell expert "Proton Motor Fuel Cell GmbH" (www.proton-motor.de) has now successfully delivered its key product innovation "HyShelter 240". For "Shell New Energies" as a subsidiary of the international energy group, a new technology solution was implemented for the off-grid power supply of a transportable pressurized hydrogen filling station. The diverse "HyShelter" application areas range from uninterruptible emergency power supply for data centers, municipal utilities, hospitals and other critical public facilities up to off-grid charging infrastructure for battery-electric vehicles.**

Components of the three-part fuel cell power plant mounted on transport platform

The core components of the fuel cell power plant "HyShelter 240" are three Proton Motor fuel cell systems "PM Frame S43". At the end of October 2021, the technical acceptance of the entire system took place in accordance with the order for delivery by the customer. „The entire Proton Motor team is very proud of our high-performance fuel cell products for decentralized emission-free energy supply. With our fuel cell power plants, we are making a decisive contribution to the success of a sustainable energy transition", says Manfred Limbrunner, Proton Motor Director of Sales and Marketing, commenting on the trend-setting product novelty for Shell New Energies. It has been possible to combine the hydrogen fuel cell technology with the battery storage technology into a functional unit that produces 100 percent green energy in this island application.

Fuel cell plant as a power plant with 240 kW output in a 20-foot container

The energy supply of the off-grid refuelling unit is provided by Proton Motor's containerized hydrogen fuel cell power plant with peak power of up to 240 kW and integrated battery storage for 400 VAC grid connection. Three proprietary fuel cell systems are used in the format size "PM Frame S43" with an installed fuel cell output of 43 kW each. The "PM Frame" systems can be operated individually or together, allowing power adjusting in the range of 6 kW up to 240 kW. A worldwide unique selling point of Proton Motor stacks is the optional vertical or horizontal implementation for strong customer orientation during integration. In combination with the electrical energy storage system – which is also housed in the container – of the Austrian company "xelectrix Power GmbH" (www.xelectrix-power.com) as a specialist for energy storage systems with a wide variety of performance classes, the necessary power and energy for the electrical consumer is generated. Directly behind the 20-foot container on the trailer is the cooler for dissipation of the reaction heat. After the transfer of the self-sufficient energy arrangement, follow-up orders are planned for the "HyShelter 240" as a hydrogen-based fuel cell power plant respectively for other output variables.

About Proton Motor Fuel Cell GmbH (www.proton-motor.de):
For more than 20 years, Proton Motor has been Germany`s expert in climate-neutral energy generation with cleantech innovations and in this field, it has specialised in emission-free hydrogen fuel cells developed and manufactured in-house. The corporate focus is on stationary applications such as emergency power for critical infrastructures and mobile solutions such as back-to-base applications. In addition, the customised or standard hybrid systems are used in the automotive, maritime and rail sectors. The new automated series production plant was put into operation in September 2019.

In addition to CO2-neutral fuel cell solutions, the internationally active technology market leader from Bavaria also offers battery-powered uninterruptible power supply (UPS) via its "SPower" product line. The company, which currently employs more than 100 people under the CEO management of Dr Faiz Nahab, is a wholly owned operating subsidiary of "Proton Motor Power Systems plc", based in Newcastle upon Tyne, England. Since October 2006, the parent company's "green energy" share has been listed on the London Stock Exchange with simultaneous trading in Frankfurt/Main (ticker symbol: "PPS" / WKN: A0LC22 / ISIN: GB00B140Y116).

Point of contact at Proton Motor Fuel Cell GmbH, Benzstrasse 7, D-82178 Puchheim, www.proton-motor.de:

Ariane Guenther | Head of Public Relations
a.guenther@proton-motor.de
+49 / 89 / 127 62 65-96

Manfred Limbrunner | Director Sales & Marketing
m.limbrunner@proton-motor.de
+49 / 89 / 127 62 65-48