

## MEDIA RELEASE

### **Innovative "GKN Hydrogen" system ensures self-sufficient energy supply: 17 orders for Proton Motor`s "Module S8" within three years**

| Fifth order from newly launched GKN business unit for Proton Motor standard module for integration into hydrogen storage system based on metal hydride technology. |

| Proton Motor CEO Dr. Faiz Nahab is delighted to continue to support the customer in using hydrogen for energy storage from renewable resources. |

**Puchheim near Munich, July 14, 2021** – The demand for decentralized energy storage systems is currently rising sharply. Hydrogen-based stationary solutions have an advantage over batteries. In July 2019, the top-class pilot project "Knappenhaus" was officially inaugurated in Kasern, the northernmost mountain village in South Tyrol. It has passed the previous seasonal challenges with flying colors. Originally designed 500 years ago as a simple mountain hut at 1,500 metres, the residential property can store the emission-free and climate-friendly energy of the in-house watercourse despite winter icing respectively on-demand is also possible. The technical installation consists of a water turbine and the "Module S8" with an output of 8.4 kW from "Proton Motor Fuel Cell GmbH" ([www.proton-motor.de](http://www.proton-motor.de)). **To date, the group`s division "GKN Powder Metallurgy" ([www.gknpm.com](http://www.gknpm.com)) of the international engineering and aerospace company has ordered a total of 17 Proton Motor fuel cells as a customer.**

#### ***Order for eight fuel cells in the first quarter of 2021***

After the successful Knappenhaus project, in which the product "PM Module S8" was used for the first time in GKN's sustainable, green hydrogen storage system as a combined heat and power plant, Proton Motor delivered two demonstration systems in 2020. The customer's recently launched business unit, which was founded as "GKN Hydrogen" ([www.gknhydrogen.com](http://www.gknhydrogen.com)), ordered eight more hydrogen fuel cells for self-sufficient energy generation and supply based on renewable energies in the 1st quarter of 2021. This is followed by the fifth order intake for six standard modules, which GKN will integrate into its globally sought-after energy storage solution systems based on innovative metal hydride technology. Proton Motor CEO Dr. Faiz Nahab commented: "We are delighted to continue to support GKN Powder Metallurgy in their drive to demonstrate the use of hydrogen as a means of storing energy from renewable resources and look forward to expanding our relationship to include training and services to support GKN Powder Metallurgy`s international sales."

**About Proton Motor Fuel Cell GmbH ([www.proton-motor.de](http://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 CO<sub>2</sub>-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 ca. 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](http://www.proton-motor.de):*

Ariane Guenther / Head of Public Relations

[a.guenther@proton-motor.de](mailto:a.guenther@proton-motor.de)

+49 / (0)89 / 127 62 65-96

Hohe Nachfrage für das Brennstoffzellen-Modul S8 der Proton Motor Fuel Cell GmbH