

## Launch of large power generation pack

### PROTON MOTOR POWER SYSTEMS PLC

Released 07:00:04 22 August 2022

RNS Number : 6698W  
Proton Motor Power Systems PLC  
22 August 2022

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**Proton Motor Power Systems plc**  
("Proton" or the "Company")

### Launch of large power generation pack

Proton Motor Power Systems plc (AIM: PPS), the designer, developer and producer of fuel cells and fuel cell electric hybrid systems with a zero-carbon footprint, is proud to announce the launch of a large power generation pack, based on its PM module producing 90 kW of gross power (the "90 kW Module").

The pack is based on the new generation of the Company's existing PM400 stack modules. The 90 kW Module will be installed in a cabinet with a volume of 452 litres (0.2 kW per litre) and include a complete balance of plant and power electronics. It is anticipated that multiples of these systems will be capable of being used for the following applications:

- 180 kW of gross power from two 90kW Modules to power standby generators and large trucks
- 320 kW from four 90 kW Modules in a cabin ("Cabin") for use in power generation, rail and maritime applications
- 1.2 MW with four connected Cabins, for maritime, power generation and grid peak power shaving
- Four clusters of 1.2 MW each could be linked to supply increased power demand. The Directors believe that this capacity of between 1.2 MW and 5 MW would be capable of being deployed in power generation, grid peak power shaving, maritime and many more applications.

Following successful development and testing stages, Proton is pleased to announce that the new large power packs are now available for customer order and manufacturing.

The Company has been scaling its manufacturing capabilities in preparation for mass production of its fuel cells, including an increase in staff to 120 across all levels of the business over the last 18 months.

#### **Dr. Nahab, CEO of Proton, commented:**

"We have been serialising our products for mass production, we increased our personnel by 60% over the last 18 months, with more new developments on the way, we aim to eliminate diesel engines by replacing them with Hydrogen fuel cell engines."

#### **For further information:**

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**About Proton Motor Fuel Cell GmbH**

Proton Motor has more than 20 years of experience in Power Solutions using CleanTech technologies such as hydrogen fuel cells, fuel cell and hybrid systems with a zero carbon footprint. 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 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 serves IT, Telecoms, public infrastructure and healthcare customers in Germany, Europe and Middle East with power supply solutions for DC and AC power demand. In addition to power supply, SPower also offers solutions for Solar Systems as well as a new product line for Solar Energy Storage.

Proton Motor Fuel Cell GmbH is a wholly owned subsidiary of Proton Motor Power Systems plc. The Company has been quoted on the AIM market of the London Stock Exchange since October 2006 (code: PPS).

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