



PRESS RELEASE

For immediate release

Presentation of PowerCell PS-5 at the Hannover Fair

Gothenburg, Sweden, April 19, 2017

The leading Nordic fuel cell company [PowerCell Sweden AB \(publ\)](#) continues the commercialization and industrialization of the company's fuel cell technology. At the Hannover Fair on April 24-28, the company displays the PowerCell PS-5 fuel cell system.

PowerCell continues to create products based on the company's unique fuel cell technology. At the Hannover Fair 24-28 April, the company is displaying its new PowerCell PS-5 that generates electricity in a sustainable way, with no emissions other than water. The system has a wide range of applications and can be used as a spare power generator for small and medium-sized enterprises, but also as part of a system for storing energy from intermittent sources such as wind and solar power.

"The fuel cell system is robust and has been developed for a long time by our highly qualified employees. The system has been tested as prototype in an energy-efficient property outside Gothenburg since 2015. The homeowner has been able to free himself from the electricity grid", says Per Wassén, CEO of PowerCell Sweden AB.

"I installed the PowerCell PS-5 prototype in my own property. Solar panels power an electrolyzer that generates hydrogen and thus store the energy from the solar cells. When needed, I run the fuel cell system on the stored hydrogen and get all the electricity and heat I need. I manage completely without other energy sources and I'm off the grid", says Hans-Olof Nilsson.

As of the Hannover Fair, PowerCell offers deliverance of the PS-5 fuel cell system.

About PowerCell PS-5

PowerCell PS-5 is a fuel cell system based on the robust PowerCell S2 stack. The system is designed to meet the need for eco-friendly, silent and reliable electricity generation and back-up systems for buildings, households, telecommunications and traffic systems. The system facilitates increased use of renewable energy, as it is possible to integrate with photovoltaics. The PowerCell PS-5 is reliable and safe, and is delivered with a fully automated control system. The fuel cell system is adapted to customer needs and is delivered in power classes 1.6, 3.3 or 5.0 kW, with voltage levels 24 or 48 VDC as well as with liquid or air-based cooling systems.

Pictures

PowerCell PS-5

The team behind the PowerCell PS-5:

Upper row from left: Robin Velén, Mechanical design engineer; Rickard Nilsson, Project manager and system developer; Robert Pernborn, Mechanical design engineer, and Christoffer Olsson, Electrical designer and software developer. Bottom line from left: Thomas Saleman, systems and software developer; Patrik Karlsson, Fuel cell developer, and Örjan Hansson, Mechanical design engineer.



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About PowerCell Sweden AB (publ)

PowerCell Sweden AB (publ) is the leading fuel cell company in the Nordics, which develops and produces environmentally friendly power systems for stationary and mobile customer applications.

PowerCell has developed a modular system of fuel cell platforms, powered by clean environmentally friendly produced hydrogen where only electricity, heat and water are emissions. The fuel cells are also designed to handle the reformed hydrogen from e.g. biogas, natural gas, biodiesel or standard diesel.

In case hydrogen infrastructure is missing, PowerCell has combined its leading fuel cell and reformer technology and developed a fuel cell system, PowerPac, which converts standard diesel, with hydrogen, into electricity. This is done in an energy efficient and environmentally friendly way, in which emissions of carbon monoxide, nitrogen oxides and particles are completely eliminated and the carbon dioxide is greatly reduced compared with a conventional diesel engine.

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