



PowerCell Group

Norsk Hydrogenforum - 30. april 2024



Hydrogen Electric Solutions



PowerCell Group

Headquarters in Sweden.

Leading fuel cell technology built on 30 years of R&D & IP

Spin-out from the Volvo Group in 2009

Listed on NASDAQ since 2014

Driving business with strategic partners

Development & production according to industry standards

Global presence



A photograph of two workers in a factory setting. They are standing on either side of a large industrial machine mounted on a four-wheeled cart. The machine is complex, with various pipes, valves, and components. The workers are wearing grey shirts and dark pants. The background shows a typical industrial environment with metal structures, lights, and other equipment. The text is overlaid on the image in a white, sans-serif font.

Leading R&D and Testing Capabilities

Industrialized Product Portfolio

Megawatt Production Capacity



Co-operation with Robert Bosch GmbH



PowerCell Group

- 30 years of experience in fuel cell development
- Long lasting co-operations with world leading OEMs
- Experience in multiple sectors
- Comprehensive range of fuel cell stacks
- Comprehensive range of fuel cell systems
- One of Europe's largest in-house labs



BOSCH Business Unit Fuel Cell Mobility Solutions

- Powertrain system competency
- Global footprint
- Long-term partnerships
- Comprehensive portfolio
- Encourage innovation
- Trustworthy quality and reliability

Joint development
for series production



Exclusive license for
automotive applications

Further
Development





Fuel cell system – PS 200

- ✓ Commercialized
- ✓ Easy to Service
- ✓ Safe to install




Marine

 Passenger Vessels

 Fast Ferries


 Cargo Vessels

 Large Yachts

Power Generation

 Prime Power

 Back-up Power


 Peak Shaving


 Shore Power

Off-Road

 Material Handling

 Mining Equipment

 Agricultural Machinery

 Heavy Equipment

Aviation

 Passenger planes

 Drones

 eVTOL



Marine



Yacht

3.2 MW

Liquid Hydrogen



Towboat

1.8 MW

Reformed Methanol



Ferries

2x6.4 MW

Compressed Hydrogen



Power generation



Hitachi
100 kW



Everywhere
20-100 kW



Volvo
5 kW



Offroad



Refuse Truck
100 kW



Articulated Hauler
100 kW



Tractor
100 kW



Ancillary system
5 kW



Aviation



Newborn
1.2 MW



ZeroAvia
100 kW



Super Stack
400 kW

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Thank you for the attention

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