

FACT SHEET

Stationary



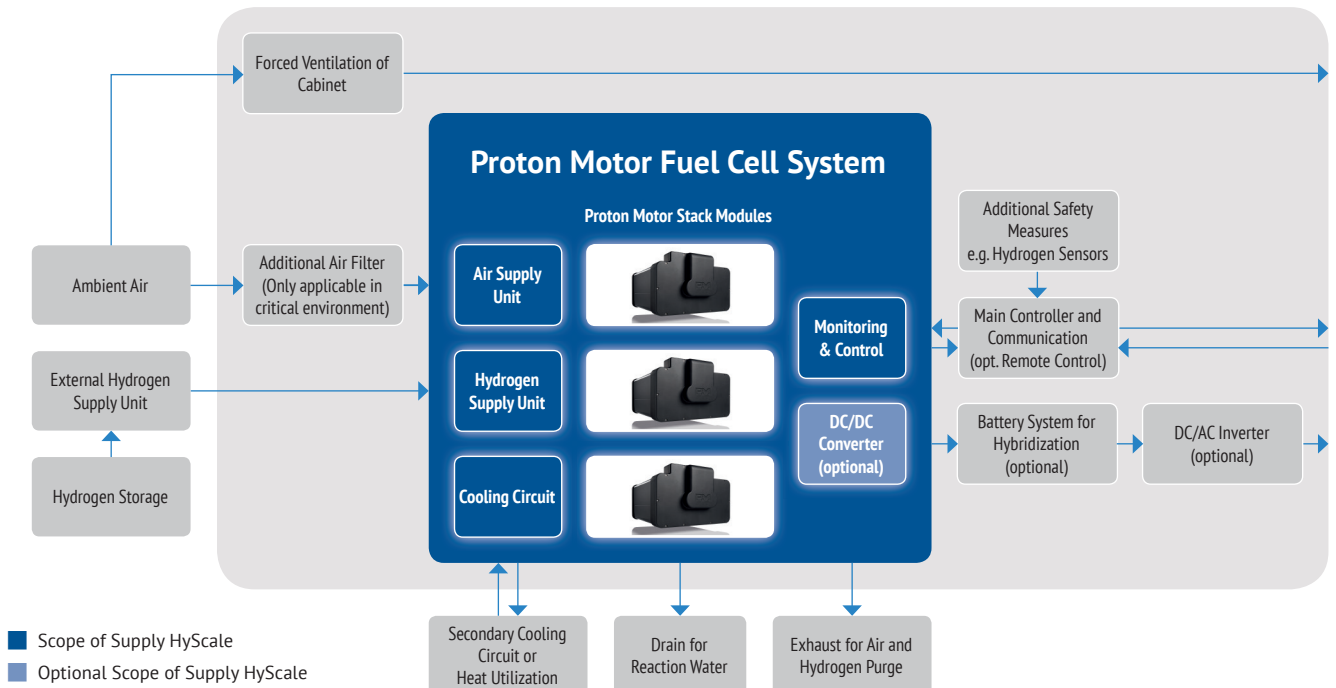
HyScale – Packaging example

HyScale

Multi-Stack Fuel Cell System

- Modular fuel cell system
- Multiple PM400 Stack Modules with balance of plant
- Adaption to customer specific installation possible
- Fuel cell control unit included
- Integration & commissioning support
- Service & maintenance support
- Training as certified service partners

Scheme of a Turnkey Fuel Cell Power Plant



KEY FACTS



Realizable Power Levels*
(max. fuel cell power installed)
up to 213 kW



Optional Voltage Adaption with DC/DC-Converter
up to 770 VDC (adjustable)



Hydrogen Quality
ISO 14687-2 / SAE J2719



Hydrogen Supply Pressure
3.0 - 7.5 bar_g



Operation Temperature
+5 to +45 °C



Operation Altitude without Power Derating
< 2000 m



Humidity
< 95 % r.H. (non condensing)

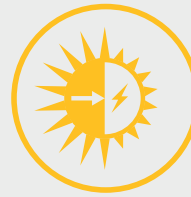
* BoL, w/o BoP

Specifications are subject to change without notice. Specifications and descriptions in this document were in effect at the time of publication. Proton Motor Fuel Cell GmbH reserved the right to changes at any time

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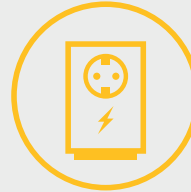
APPLICATION AREAS



Seasonal Energy Storage



Charging Stations



Off-grid Power Supply



Emergency Power Supply



Grid Stabilization

BENEFITS

- Zero emissions
- Long lifetime due to graphite bipolar plates
- Silent operation
- Maintenance concept with fuel cell substitute
- Refurbishment of fuel cell stack possible
- Developed and manufactured in Germany
- European supply chain

