PM Module
Fuel Cell System ready for OEM integration

Typical application areas
- Emergency power supply
  - Railway infrastructure
  - Telecom / Radio Stations
  - Securing critical infrastructure
  - Industry and Data Centres
- Applications in combination with energy storage
  - Energy autonomous residential and industrial complexes
  - Re-electrification of hydrogen produced from renewables
- Off-grid power supply (Insular Solutions)
- Grid integrated solutions for emergency power or grid support

Main benefits
- Emissions-free solution for generating electrical and thermal energy from hydrogen
- Very high efficiency and reliability
- Long life span
- Easy installation and service
- All-purpose
- Low maintenance / low maintenance costs
- Modularly scalable
- Parallel operation of several modules
- High operational safety
- Online monitoring
- Water cooling / use of process heat
- Simple hybridization with batteries
- Universal 19" rack for easy installation and service
- Adaptation to system voltage levels (optionally available)
- Integration in Plug + Play System (Indoor + Outdoor)

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PM Module S5/S8 – the modular and all-purpose fuel cell system for stationary applications

The heart of the Proton Motor technology is the stack module, which is adapted to the power range. It is specially developed and manufactured by Proton Motor. In addition to the stack module, the fuel cell system already contains supply units for hydrogen and reaction air and a primary cooling circuit. The fuel cell system has a modular structure and can be interconnected to achieve higher performance. It is flexible and adaptable to multiple applications as well as reliable and predictable thanks to PM’s all-round services. Individual customer applications and exclusive system requests can be fulfilled.