

Hydrogen Power unit *h*- PU250

250 kW

Functional description

100% Hydrogen fueled power unit:

- Rated combined maximum output power 250 kW
- Grid connected or as Micro Grid (stand-alone application)
- 5 ElringKlinger 50 kW PEM type hydrogen Fuel Cell modules
- 400 VAC 3 phase 50 Hz output
- 10 foot container, weatherproof and operating temperature -25 to +40 DegC (@250kW)
- Zero-emission

Features

- GPS positioning + Geo fencing
- Remote control via GSM modem (exclusive SIM-card)
- Remote monitoring and management (VRM) connection possibilities
- Safety switch
- Exchangeable and Upgradeable Fuel Cell modules (from 200-500kW)
- Transportable

Enclosure and interfaces

- Lockable access doors to FC modules and electrical equipment
- Dimensions LxWxH: 3.0 x 2,4 x 2.9 m
- Connections for Hydrogen feed
- Integrated air intake conditioning system
- Integrated exhaust system
- Integrated water-air cooling system
- Safety compliant to CE regulations

E-Connectivity

- Output voltage range
400 VAC 3 phase 50 Hz output
- Grid connection, includes battery pack for balancing of grid dynamics.

Options:

- Extra power in steps from 50kW (200 to 500kW)
- Other Voltages on request
- EV Charging facilities
- Various battery pack options

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