

Fuel cell systems for distributed power generation



Convion provides distributed power generation solutions for industrial and commercial applications.

Convion is a leading fuel cell system developer commercializing solid oxide fuel cell (SOFC) systems. SOFC technology is ideal for dependable, continuously operating and flexible distributed power generation, providing unparalleled electrical efficiency independent of scale and with different fuel compositions. With zero local emissions and premium efficiency mini-cogeneration systems by Convion have minimal environmental impact when fueled by natural gas or biogas.

CONVION PRODUCT DRIVERS

- **Premium efficiency:** Non-compromising electrical and co-generation efficiency
- **Low emissions:** Zero NO_x, SO_x, HC and PM emissions
- **Fuel flexibility:** Natural gas and diluted bio gas operation
- **Power security:** Reliable, grid-independent power generation
- **Economy:** Power generation with competitive life cycle costs

Fuel cells are modular by their nature, making them ideal for integrated power generation. Each fuel cell module is a fully integrated and autonomously operable power unit. Multiple parallel modules can form an on-site power plant with higher capacity and desired level of redundancy, securing critical loads and providing continuous power and heat near point of consumption and individual modules can be independently maintained without interfering with other functions.

For enquiries, contact convion@convion.fi