

IdaTech

Company Profile

Founded in 1996, IdaTech designs, develops, and manufactures extended run backup power fuel cell products for telecommunications and other critical applications. These field-proven systems are clean, reliable, low-maintenance solutions that are deployed worldwide, providing critical backup power to grid-connected and remote sites.



Corporate Headquarters
Bend, Oregon

IdaTech's fuel cell products utilize advanced Proton Exchange Membrane (PEM) technology that can be fueled either by hydrogen directly or by generating hydrogen onsite and on demand from HydroPlus, a methanol and water liquid fuel, using IdaTech's proprietary fuel reformer.

The company offers 250 W, 3 kW and 5 kW fuel cell products that provide solutions for applications requiring 100 W to 15 kW of backup power generation. In addition to the wide range of power outputs, the systems provide clean, dependable power generation with minimal noise, vibrations and emissions.

IdaTech's product line consists of four systems:

- **ElectraGen™ XTi System** – Combines fuel reformer, fuel cell power module and fuel tank in one compact system. Fueled by HydroPlus liquid fuel, and available in 3 or 5 kW power, at 24 or 48 Vdc.
- **ElectraGen™ XTR System** – Modular fuel cell system and reformer mounted on a skid for easy installation. HydroPlus liquid fuel, and available in 3 or 5 kW power, at 24 or 48 Vdc.
- **ElectraGen™ System** – Fueled by hydrogen, and available in 3 or 5 kW power, at 24 or 48 Vdc.
- **iGen™ System** – Combines fuel reformer and fuel cell power module in one compact system. Fueled by HydroPlus liquid fuel, and available in 250 W, at 12 or 24 Vdc.

IdaTech holds numerous U.S. and international patents for its proprietary fuel cell technologies. The company's core competencies include fuel reforming, hydrogen purification, and fuel cell system integration

and control technologies. The ability to make hydrogen onsite using its proprietary reformer and purification technologies differentiates the company and provides real customer value dispensing with the need for bottled hydrogen.

IdaTech's manufacturing facilities are located in Tijuana Mexico encompassing more than 25,000 square feet of manufacturing and warehouse capacity. Flexible volume manufacturing results in lower cost and higher quality production of fuel cell systems utilizing skilled Mexican workforce.

IdaTech distributes its products directly to customers as well as through its network of global partners. It continues to build strategic relationships with market leaders to further establish system and fuel distribution channels within its core markets. This growing global channel partner network is enabling the company to accelerate adoption of its fuel cells worldwide.

IdaTech is well positioned to take advantage of the significant opportunities for fuel cell systems that will arise in the coming years. The company will continue to refine and build upon its proven fuel cell technologies, developing new products that ensure reliable, efficient, and environmentally friendly backup power anywhere electric energy needs to be sustained, including telecommunications, utilities, public safety networks, data centers, the military, and an expanding range of industrial and commercial applications.



ElectraGen™ XTi System



ElectraGen™ XTR System



ElectraGen™ System



iGen™ System