

# Protonex To Improve Hydrogen-Air And Direct Methanol Fuel Cells

July 22 2004

---

*Protonex Technology Corporation, a manufacturer of long duration power solutions for portable and remote applications, was recently awarded approximately \$1 million by the Army Research Office. The program's goal is to accelerate the development of Protonex's NGen™ hydrogen-air and direct methanol fuel cell stacks for man portable military applications.*

Protonex Technology Corporation, a manufacturer of long duration power solutions for portable and remote applications, was recently awarded approximately \$1 million by the Army Research Office. The program's goal is to accelerate the development of Protonex's NGen™ hydrogen-air and direct methanol fuel cell stacks for man portable military applications.

According to Dr. Richard Paur, Chief of the Advanced Energy Conversion program at the Army Research Office, "Protonex has a unique approach to the development of small fuel cell stacks. We are pleased to be working with them in continuing the development to make these units commercially viable and thereby available to the DoD at an affordable price. Initial trials of the stacks in Army, Air Force and Navy projects have produced very positive comments about both the performance and price of the Protonex units."

"This Army Research Office award reinforces our commitment to developing innovative, portable power solutions for military applications," said Greg Cipriano, Vice President of Business

Development, Protonex Technology Corporation. "This award and other military awards we've received, give us additional resources that will help establish Protonex as the leading provider of next generation power solutions for the military and near term commercial markets."

The US Military has a wide range of power needs in the field. Protonex has been working closely with the military since 2001 to develop long duration power solutions for portable applications and is in the process of commercializing a family of products in the power range of 10 to 1000 Watts. Protonex's products offer key advantages over conventional power sources such as increased equipment operating times, decreased weight, quiet operation and fast, convenient refueling.

About Protonex Technology Corporation [www.protonex.com](http://www.protonex.com)

Established in 2000, Protonex manufactures long duration, portable and remote power sources. They provide complete power solutions, fuel cell stacks and application services to OEM customers for portable and remote off-grid applications poorly served by existing battery, generator, solar and other power technologies. Protonex's innovative fuel cell technology complements existing power technologies and is utilized in hybrid designs for customer applications in the 10 to 1000 Watt power range.

Source: [Protonex Technology Corporation](http://www.protonex.com)

Citation: Protonex To Improve Hydrogen-Air And Direct Methanol Fuel Cells (2004, July 22) retrieved 3 May 2024 from <https://phys.org/news/2004-07-protonex-hydrogen-air-methanol-fuel-cells.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private
---

study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.