



For Immediate Release

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ACUMENTRICS & JADOO TO DEVELOP BREAKTHROUGH MOBILE FUEL CELL SYSTEMS FOR MILITARY & COMMERCIAL MARKETS

WESTWOOD, Mass. & FOLSOM, Calif., Sept. 18, 2007 – Acumentrics Corporation (<http://www.acumentrics.com/>), developer of the highest-efficiency, fuel-flexible small scale solid oxide fuel cell (SOFC) system, and Jadoo Power (<http://www.jadoopower.com/>), the leading supplier of portable hydrogen fuel cell systems, have agreed to collaborate in producing small scale generators (< 5 kW) utilizing Acumentrics’ SOFC technology and Jadoo’s N-Stor interface, modular system design and automated canister refill technology.

“Providing generators that are silent, clean and efficient and can operate on conventional fuels like propane is a winning product that can replace light duty generators,” said Lee Arikara, CEO of Jadoo Power.

“Whether a power user is in the field, in a rugged environment, or running a high-value commercial application without access to grid power, we will set a new standard in providing quiet, virtually zero-emission, high-quality, easy-to-use power whenever, wherever and for however long it is needed,” added Gary Simon, CEO of Acumentrics Corporation. “For example, the Acumentrics Jadoo system is expected to double the run time of the current 500 pounds of batteries carried by soldiers for a five day recon mission, weigh 80% less (including fuel), and operate silently. Silence is very important. Small generators give away our soldiers’ position.”

Comparison vs Batteries & Generators

Portable Power Generation Systems Comparison – Fuel Cells, Batteries & Generators

Specification	Acumentrics-Jadoo System	Batteries	Generators
Fuel-to-power efficiency	35%	Depends on charging source	10-15%
System Weight (with fuel)	50 lbs	500 lbs	100 lbs
Life	3000 hours	1200 hours	500 hours
Noise	< 45 dB	< 45 dB	>75 dB
Emissions	Negligible	Negligible	CO, NOx
Remote Monitoring	Yes	No	No
Indoor/Outdoor usage	Yes	Yes	Only Outdoor

Comparison based on 1 KW unit

For applications requiring less than 5000 watts of power, like mobile command & control centers, remote power backup, and portable generator replacement for the emergency services, construction and recreational markets, the new Acumentrics-Jadoo power systems are expected to set performance standards that substantially exceed that of the installed base of small scale power sources – typically disposable batteries and small gasoline and diesel engines.

“To our knowledge, no other fuel cell system is available with the ruggedness of our tubular ceramic SOFC technology and the ability to use multiple fuels, plus freedom from an inflexible fuel infrastructure,” Simon said. “We are now demonstrating systems running on military JP8 and will add that technology to the mix of offerings.”

The companies estimate that the worldwide installed base of light duty power generator units for commercial and military applications is in excess of a million units, a total addressable market in excess of \$3 billion. The new fuel cell product can provide critical strategic and competitive advantages in markets where the alternative is a small generator that is inefficient, unreliable, polluting and noisy.

Acumentrics and Jadoo expect to begin evaluating applications of the new unit with prospective users in the first quarter of 2009.

About Jadoo Power Systems

<http://www.jadoopower.com/>

Jadoo Power Systems, Inc. develops and sells next-generation, energy storage and power generation products for the portable and mobile power markets. The Company’s patented interface technology combined with its modular architecture enables the integration of advanced fuel cell and fuel technologies into award winning products. For more information, please visit <http://www.jadoopower.com>.

About Acumentrics

<http://www.acumentrics.com/>

Acumentrics' unique, durable, fuel-flexible tubular ceramics-based fuel cell technology has exceeded performance standards in U.S. Department of Energy Solid-State Energy Conversion Alliance (SECA) Phase I tests, demonstrated the ability to operate for 1300-hours on synthetic JP-8 fuel, become the first biogas-fueled SOFC system in an installation at the innovative GlashusEtt environmental information center in Stockholm, and received a 2007 New England Innovation Award from the Smaller Business Alliance of New England. Acumentrics also sells rugged, uninterruptible power supplies (UPS) for military and other mission-critical markets.