



FOR IMMEDIATE RELEASE

**Advanced Cerametrics Receives 2007 R&D 100 Award for  
Breakthrough Green Technology Energy Harvester™**  
*“...one of the most technically significant products introduced...”*

Lambertville, NJ, July 11, 2007 - Advanced Cerametrics, Inc. (ACI) announced today that its pioneering Harvester™ line of power supplies has won the prestigious “2007 R&D 100 Award” from R&D Magazine. The R & D 100 Award from *R & D Magazine* is given to the top 100 new products from around the world each year. ACI has received these honors for its Piezoelectric Ceramic Fiber Composite (PFC) energy harvesting devices and systems. The PFC’s are made from ACI’s patented uniquely-flexible ceramic fiber that captures otherwise wasted ambient energy from mechanical sources (e.g., vibration) and converts it into useful amounts of electric power, suitable for powering conventional electronic devices and to augment or eliminate the need for batteries or AC power.

The breakthrough energy harvesting technology is now available as part of ACI’s HARVESTOR™ line of power supply products. The HARVESTOR technology has been developed specifically to allow the capture, storage and delivery of power for devices such as wireless sensors and transmitters, micro circuits, smartcards, cell phones and other handheld devices.

“The Harvester™ has been selected by the independent judging panel and editors of *R&D Magazine* as one of the 100 most technically significant products introduced into the marketplace over the past year,” according to Tim Studt, Editor in Chief, *R&D Magazine*. “Let me personally congratulate you and your product team on the design, development, test, and production of this remarkable product.”

“Green technology and renewable power technologies are now emerging and offer a tremendous potential for augmenting and in many cases eliminating the need for batteries and conventional AC power,” said Bud Cass, CEO of Advanced Cerametrics. “We are delighted to be honored by *R&D Magazine* in this way for the contributions our energy Harvestors are making to moving this science forward and to offering advanced micro-power solutions to our customers.”

About Advanced Cerametrics, Inc. (ACI)

ACI is a leading supplier of advanced materials and systems for energy harvesting and active structural control. ACI’s patented PFC fibers convert otherwise wasted ambient mechanical vibration energy into useful electrical energy for micro and mobile devices. At the forefront of solving extreme life-span micro-power issues with its solutions for wireless sensors,

electronics, smart sporting goods, DOD, aerospace, and Homeland Security applications, ACI was an R&D 100 winner in 2003 and 2007, one of Fortune Small Business Magazine's "14 Hot Startups for 2003," has been awarded 29 SBIR (Small Business Innovation Research) and STTR (Small Business Technology Transfer Research) grants, awarded DARPA's "Outstanding Contractor" and twice has been listed in the Navy's "Profiles in Success." ACI received the "2007 Corporate Technical Achievement Award" by The American Ceramic Society.

ACI's commercial products and applications include: energy harvesting power supplies, ambient energy-powered smart skis and tennis rackets; self-diagnostic ambient energy-powered mechanical condition monitoring systems; self-powered body-charged homing devices for hikers, soldiers, firemen or police; ambient energy-powered temperature, humidity or pressure sensors, and vibration-powered aircraft lighting. Other developments include those in medical, aerospace, automotive, personal products, sporting goods and industrial applications. ACI's Harvestor stackable power supplies are designed to replace AA batteries or 1.5 volt lithium batteries as a competitively-priced green-tech alternative.

For More Information Contact: Jerry Ruddle, 609-397-2900 x320, or 800-261-1208 x320, e-mail [jerry.ruddle@advancedceramics.com](mailto:jerry.ruddle@advancedceramics.com) , web: <http://www.advancedceramics.com>