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Consulting-Specifying Engineer Magazine Honors VYCON's Hybrid VDC XEB with Most Valuable Product (MVP) and Gold Award in 2012 Product of the Year Competition

VYCON's Hybrid VDC XEB Combines Flywheel and Battery Technologies in One Integrated System

LOS ANGELES – Date — VYCON (<u>www.vyconenergy.com</u>), the designer and manufacturer of environmentally friendly, highspeed energy storage flywheel systems, today announced that its new Hybrid VDC XEB flywheel systems have been honored by the engineering audience of *Consulting-Specifying Engineer* magazine with the overall Most Valuable Product (MVP) award in the publication's coveted 2012 Product of the Year competition. Moreover, facing formidable competition, the Hybrid VDC XEB also earned Gold in the "Emergency, On-Site and Standby Power" category.

VYCON's Hybrid VDC XEB is the industry's first environmentally friendly energy storage system to combine flywheel technology with batteries in one patent pending integrated system. With the combination of batteries, users can utilize the reliability and green aspects of the flywheel system with minutes of extra runtime from the batteries. The flywheel is the first line of defense against power disturbances – saving the batteries for prolonged power outages. By absorbing the power glitches, the flywheel can significantly increase battery life by handling over 98 percent of the discharges that would normally have shortened the battery's useful life.

Consulting-Specifying Engineer's Product of the Year (POY) contest is the premier award for new products in the HVAC, fire/life safety, electrical, and plumbing systems engineering markets. The annual reader-choice program was created to provide *Consulting-Specifying Engineer's* readers with information about the top new product in their fields. A total of 98 products qualified as finalists for the 2012 Product of the Year award; 32 individual winners were chosen for each of the nine sub-categories.

"We're honored that the discriminating readers of Consulting-Specifying Engineer magazine voted the Hybrid VDC XEB as the best in power backup systems," said Dann McKeraghan, vice president sales and marketing for VYCON. "Engineers understand the need for clean, reliable power. VYCON flywheel systems provide a very cost-effective solution that advances customer's sustainability goals while reducing energy and maintenance costs."

VYCON is an innovator in the design and manufacturing of technologically advanced flywheel energy storage systems that enable a highly reliable, cost-effective and "green" energy storage solution for a variety of applications. The company's REGEN flywheel systems, used in regenerative power applications such as container cargo handling crane applications and light electric rail, reduce power and energy costs to port and rail operators, including Los Angeles County Metropolitan Transportation

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Authority, as well as provide a reduction in green house gasses. Key to VYCON's flywheel superiority and dependability is its ability to discharge and recharge very quickly when called upon during power outages. VYCON's fleet of VDC, VDC-XE and REGEN systems have logged a record three million-plus discharge and recharge cycles -- in very demanding applications that oftentimes call on the VYCON systems to discharge and recharge every two minutes.

VYCON's flywheel systems are deployed around the globe in mission-critical operations such as data centers, hospitals, universities, broadcast studios and manufacturing plants to protect critical computing equipment. For more information on VYCON's innovative green power solutions, contact VYCON at sales@vyconenergy.com or visit VYCON's web site at: www.vyconenergy.com.

About VYCON

Founded in 2002, VYCON is an innovator in the design and manufacture of advanced flywheel energy storage systems. VYCON's flywheels are used around the world to provide a highly reliable, cost-effective and "green" energy storage solution for a variety of mission-critical applications. Tested and compatible with three-phase UPS systems from all major UPS companies worldwide, VYCON's patented technology enables its flywheel products to be the most reliable, longest lasting and virtually maintenance free systems on the market today. Recognized as one of America's fastest growing companies on the Inc. 500 list for the past two years, VYCON is a leader in the Power Quality marketplace providing clean uninterrupted power for data centers, healthcare, mobile power, industrial, broadcast and gaming applications.

As a result of VYCON's patented technologies and integration engineering expertise, VYCON's flywheels can be packaged for energy re-cycling applications like port container cranes, traction power in rail as well as for wind power and smart grid energy storage. Key to VYCON's flywheel superiority and dependability is its ability to discharge and recharge frequently and continuously. VYCON's fleet of VDC, VDC-XE and REGEN systems have recorded seven and half million discharge and recharge energy and recharge cycles in very demanding applications.

For more information on VYCON's innovative green power solutions, contact VYCON at 714-386-3800 or visit VYCON's web site at: <u>www.vyconenergy.com</u>.

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