



323695 Via Del Rio  
Yorba Linda, CA 92887  
Phone: 714-386-3800  
Fax: 714-386-3891

Website: [www.vyconenergy.com](http://www.vyconenergy.com)

**FOR IMMEDIATE RELEASE**

<b>Contact:</b>	<b>Agency Contact:</b>
Frank DeLattre	PJ Jennings
President	Jennings & Associates Communications, Inc.
714-386-3810	760-471-7376
<a href="mailto:fdelattre@vyconenergy.com">fdelattre@vyconenergy.com</a>	<a href="mailto:pj@jandacommunications.com">pj@jandacommunications.com</a>
<a href="http://www.vyconenergy.com">www.vyconenergy.com</a>	<a href="http://www.jandacommunications.com">www.jandacommunications.com</a>

## VYCON Introduces Enhanced VDC-XE Clean Energy Storage System

### *Environmentally Friendly Flywheel System Provides 33 Percent More Energy per Flywheel*

**LOS ANGELES — June 3, 2010 —** VYCON ([www.vyconenergy.com](http://www.vyconenergy.com)), a designer and manufacturer of environmentally friendly, high-speed energy storage flywheel systems, has announced an enhancement to its award winning Direct Connect VDC-XE UPS backup system that is specifically designed for high power energy storage applications. The enhanced VDC-XE product is now capable of providing up to 4,000 kilowatt /seconds of energy storage. VYCON’s newly enhanced VDC-XE is the perfect solution for high power applications such as data centers, healthcare facilities and other mission-critical operations that may require up to 30-40 seconds of back-up power. This extended run time will allow several stand-by engine generators to start and synchronize and allow the VDC-XE to gracefully transfer to the generators upon a utility power outage.

Using VYCON’s patented and proven flywheel technology, the enhanced VDC-XE – compatible with all major brands of three-phase Uninterruptible Power Supply (UPS) systems – is available now for immediate requirements. Featuring a 20-year life without a major service interval, the enhanced VDC-XE unit’s power electronics and high speed rotor design provide significantly improved power density and run time. As with VYCON’s VDC systems, the enhanced VDC-XE replaces traditional lead-acid backup batteries used with UPS systems – providing users with a smarter, more reliable and greener approach to power protection. Lead-acid batteries are toxic, heavy, maintenance intensive, need frequent replacement, have special disposal requirements and demand costly cooling to maintain service life.

“Our newly enhanced VDC-XE provides 33 percent more energy storage over our previous XE product for applications that may require 30-40 seconds of run time ,” said Frank DeLattre, president of VYCON. “Compared to other high speed flywheel systems available for the UPS market, our enhanced VDC-XE provides 44 percent more energy storage. This capability allows users who are running large mission-critical applications the ability to obtain more storage capacity and runtime utilizing fewer flywheels then previously required.”

In applications where traditional 15 seconds for run-time is adequate, the new VDC-XE provides 20 percent more energy storage capability than the previous XE product. Utilizing VYCON’s enhanced VDC-XE product, customers can reduce initial capital cost along with space requirements as potentially less flywheel units will be required for a particular power and run time. This will also reduce on-going energy cost and operating cost over the life of the installation.

**MORE MORE MORE**

For applications without an engine generator-set or for those who still want to use batteries, the VDC-XE can operate in parallel with batteries. In this configuration, the VDC is the first line of defense against power disturbances – saving the batteries for prolonged power outages. By absorbing the power glitches, the VDC systems significantly increase battery life by handling over 98 percent of the discharges that would normally have shortened the batteries useful life. And, with the models slim footprint, the VDC occupies only a fraction of the floor space of batteries – an important benefit for today’s dense computing environments.

VYCON flywheel systems incorporate a host of advanced features that make the systems easy to use, maintain and monitor such as self-diagnostics, log files, adjustable voltage settings, RS-232/485 interface, alarm status contacts, soft-start pre-charge from the DC bus and push-button shutdown. Available options include DC disconnect, remote monitoring, Modbus and SNMP communications and real-time monitoring software.

VYCON’s innovative VDC and VDC-XE backup systems are environmentally friendly high-speed flywheels that provide clean ride-through back up power that is fast, predictable and seamless. Providing a lower Total Cost of Ownership (TCO) than traditional UPS systems with batteries; data centers, hospitals, broadcast facilities and other mission critical applications are depending on VYCON’s flywheel systems to provide reliable and environmentally friendly energy storage.

For more information on VYCON’s innovating green power solutions, contact VYCON at 714-386-3800 or visit their web site at: [www.vyconenergy.com](http://www.vyconenergy.com).

Recently named one of the 2010 Hot Companies by *Network Products Guide*, VYCON is leading the market in providing unsurpassed power protection to critical operations around the world.

### **About VYCON**

VYCON is an innovator in the design and manufacture 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 as well as provide a reduction in green house gasses. In addition, VYCON’s line of VDC and VDC-XE systems are deployed in mission-critical operations around the world protecting critical computing assets against costly power outages.

###