



23695 Via Del Rio
Yorba Linda, CA 92887
Phone: 714-386-3800
Fax: 714-386-3891
Website: www.vyconenergy.com

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| Contact: | Agency Contact: |
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| Frank DeLattre | PJ Jennings |
| President | Jennings & Associates Communications, Inc. |
| 714-386-3815 | 760-471-7376 |
| fdelattre@vyconenergy.com | pj@jandacommunications.com |
| www.vyconenergy.com | www.jandacommunications.com |

VYCON to Showcase “Green” Power Backup Systems During Data Center World in Booth #728

Battery-Free Flywheel Systems Protect Data Centers Against Costly Power Outages

LOS ANGELES – March 23, 2011 — During Data Center World, March 27-31 in Las Vegas, VYCON (www.vyconenergy.com), a designer and manufacturer of environmentally friendly, high-speed energy storage flywheel systems, will present its award-winning VDC and VDC-XE clean energy storage systems that protect data centers from the costly and damaging effects of power disturbances.

Data center managers are continually faced with securing the data of their organization 24x7. To do this, managers must incorporate the highest level of technologies to assure the highest nines (9's) of reliability. Providing reliable power protection is at the heart of securing the data center from unplanned outages, reduced services and loss of revenue. In **booth #728**, VYCON will present its power backup solutions for mission-critical facilities. VYCON's power infrastructure specialists will discuss today's challenges of disaster avoidance and how implementing a green approach to power backup can have a substantial positive impact on mission-critical system uptime.

Deployed by data centers around the globe, VYCON's flywheel systems are the perfect complement to uninterruptible power systems (UPSs), replacing space- and maintenance-intensive batteries. Data center managers will especially appreciate that over a 20-year lifespan, cost savings from VYCON's flywheel versus a five-minute valve-regulated lead-acid (VRLA) battery bank range between \$100,000 to \$200,000 per flywheel deployed.

“Driving down costs and increasing data center system uptime are motivating important initiatives such as energy efficiency, sustainability and reliability,” explained Dann McKeraghan, vice president of marketing for VYCON. “Today's data centers are more complex and require highly efficient energy solutions that not only protect vital data, but also help data centers decrease rising energy costs and reduce their carbon footprint. VYCON's flywheel technology eliminates the need for expensive cooling and maintenance and takes up a fraction of the space compared to banks of backup batteries.”

According to the Electrical Power Research Institute (EPRI), power disturbances cost U.S. industry as much as \$188 billion annually in lost data, material and productivity. In order to minimize these losses, annual spending on backup power systems exceeds \$5 billion worldwide, according to industry analysts at the Darnell Group.

About AFCOM's Data Center World

Data Center World is presented by AFCOM, the world's leading data center industry association, counting more than 4,500 of the largest data centers in the world as members, with more than 40 chapters worldwide. Data Center World offers a multitude of opportunities to learn from others, share experiences and broaden industry knowledge. Educational sessions cover every facet of managing a data center, including topics such as disaster recovery, automation, data center moves, cloud computing, virtualization, data center containers, power and cooling and more.

About VYCON

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 as well as provide a reduction in greenhouse 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 million-plus discharge and recharge cycles –in very demanding applications that oftentimes call on the VYCON systems to discharge and recharge every two minutes. For more information on VYCON's innovative green power solutions, contact VYCON at 714-386-3800 or visit VYCON's web site at: www.vyconenergy.com.

Media inquiries:

PJ Jennings

Jennings and Associates Communications, Inc.

pj@jandacommunications.com

(760) 471-7376

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