

Flywheel energy storage systems perform reliably in applications where batteries and super capacitors fall short. VYCON REGEN stores kinetic energy in the form of a rotating mass and ...

Serving as a mechanical battery, the flywheel is a kinetic energy storage system that supports applications where batteries and other storage devices fall short. The VYCON flywheel stores kinetic ...

LOS ANGELES - October 16, 2018 -- VYCON () announces that it has just shipped its 1500th flywheel system. VYCON's clean-energy storage systems are deployed ...

These innovative technologies enable the VYCON REGEN flywheel to charge and discharge at high rates for countless cycles, making conventional technologies obsolete.

The successful integration of patented high-speed motor, generator and magnetic bearing technologies gives VYCON a substantial edge in delivering the four ...

The unique, virtually maintenance-free flywheel technology utilized in VYCON's REGEN flywheel allows users to target energy intensive industries and ...

Our unique flywheel technology allows users to target energy-intensive industries and applications to reduce costs, increase efficiency and reduce emissions. Our systems are designed to preserve and ...

The VYCON REGEN flywheel systems" ability to capture regenerative energy repetitively that normally would be wasted as heat, delivers significant energy savings and reduced fuel costs while reducing a ...

Performance Advantage: VYCON Our VDC and REGEN flywheel systems store kinetic energy in the form of a rotating mass and are designed for high power, short discharge applications.

The Vycon REGEN System is a flywheel based energy storage device that achieves at least 25 percent diesel particulate matter emissions reduction and meets the January 2009 NO2 limit, qualifying it for ...

VYCON's REGEN Energy Recycling flywheel system uses a permanent magnet motor generator design and levitates within an electromagnetic field - a perfect environment for producing short duration, ...

protect health facilities 24/7. VYCON's environmentally-friendly, high-speed flywheel system is designed to provide a greener, cost-saving solution based energy storage systems. These systems are used in ...

VDC XEB Overview Integration of VYCON's highly reliable flywheel technology with a High Rate

Discharge VRLA battery Predictable and reliable backup power / energy storage for critical loads ...

Today, newer fleets of AC powered metro trains are equipped to regenerate a significant amount of power when braking.

Based on the specific application requirements, VYCON's REGEN or VDC Flywheel Energy Recycling Systems can be configured to accommodate step load changes and sudden peak demands, allowing ...

The VYCON REGEN flywheel energy system can be installed on any RTG crane, either retrofitted or as an option in manufacturing, to create a hybrid power system. It works by capturing the regenerated ...

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