

Kongres Container

UAE flywheel energy storage manufacturer



Overview

Why should you use flywheel energy storage?

This is inefficient and wastes energy. Our flywheel and battery energy storage systems capture, optimise, and reuse energy across a wide range of applications and industries. We founded Flybrid Systems in 2007 to increase the efficiency of Formula One cars using flywheel energy storage technology.

What is advanced flywheel energy storage?

Advanced Flywheel Energy Storage enabling enhanced power quality and reduced TCO. AMT has developed a flywheel energy storage system that is capable of providing up to 5.5 kilowatt hours of energy storage and delivering 4 kilowatt hours at a given time. The flywheel rotor is made of carbon fibers allowing for greater energy.

What is a quinteq flywheel system?

The QuinteQ flywheel system is the most advanced flywheel energy storage solution in the world. Based on Boeing's original designs, our compact, lightweight and mobile system is scalable from 100 kW up to several MW and delivers a near endless number of cycles. The system is circular and has a lifetime of 15+ years.

What is a 600 series Flywheel module?

The 600 Series flywheel module is an integration flywheel that can be installed in your application. It provides 600kJ of energy in a compact flywheel. Specifically designed for 10 million full charge-discharge cycles in a robustly engineered casing, meeting the most stringent of engineering standards.

What is a 2000 series Flywheel module?

The casing of the F-Boost has been optimised for low noise emission as well as being water cooled - maximising efficiency. All of this in a product weighing ~ 50kg. The 2000 Series flywheel module is an integration flywheel that can be

installed in your application.

What is a peak power 200 flywheel?

Enabling the use of smaller, more efficient generators, resulting in lower fuel consumption, reduced emissions, and significant cost savings. The Peak Power 200 flywheel solution provides a rapid power boost, allowing you to downsize your generator, cutting emissions and costs.

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Contact Us

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