

## Kongres Container

# French flywheel energy storage



## Overview

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A typical system consists of a flywheel supported by connected to a . The flywheel and sometimes motor-generator may be enclosed in a to reduce friction and energy loss. First-generation flywheel energy-storage systems use a large flywheel rotating on mechanical bearings. Newer systems use composite

These flywheels are made from high-strength carbon-fiber composites, designed to minimize energy loss and maximize mechanical efficiency. Magnetic bearings reduce friction, while high-temperature superconductors enhance energy capacities.

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