

## ContainerPower Energy Solutions

# Flywheel Energy Storage Mechanical Battery



## Overview

---

First-generation flywheel energy-storage systems use a large steel flywheel rotating on mechanical bearings. Newer systems use carbon-fiber composite rotors that have a higher tensile strength than steel and can store much more energy for the same mass. Overview Flywheel energy storage (FES) works by spinning a rotor ( ) and maintaining the energy in the system as . When energy is extracted from the system, the flywheel's rotational speed is reduced a.

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 fricti.

## Flywheel Energy Storage Mechanical Battery

---

### Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://www.websparafotografos.es>