

# Gyroscopic bus



## Overview

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A gyrobus is an electric bus that uses flywheel energy storage, not overhead wires like a trolleybus. The name comes from the Greek language term for flywheel, gyros. There are no gyrobuses currently in use commercially.

**Development**The concept of a flywheel-powered was developed and brought to fruition during the 1940s by (of ), with the intention of creating an alternative to for quieter, lower-frequency routes, whe. The first full commercial service began in October 1953, linking the Swiss communities of and . However, this was a route with limited traffic potential, and although technically. Since 2005,, Germany has had an Autotram, a vehicle that uses a fuel cell as its main source of energy and a small flywheel for regenerative braking only. Media related to at Wikimedia Commons • - with a photograph showing two gyrobuses at a charging point . • - some of the informa.

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### Buses That Can Step Over Traffic

Only the variable between the wheel distance will allow the platform with six supports to travel along a curved trajectory and crouch under the bridges. And after watching the video you will

### (PDF) Concept of the Mechanically Powered Gyrobus

Electrobuses with their heavy and slow to charge accumulators are almost as expensive as fuel-cell buses whose specific problem is refueling with compressed or liquefied hydrogen. A ...



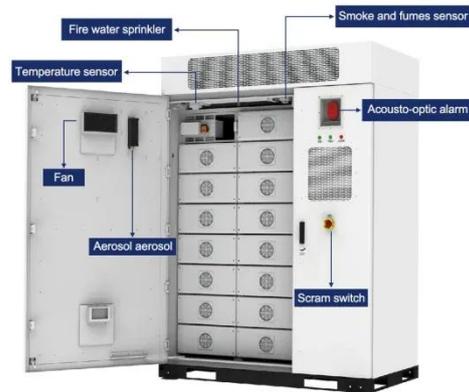
### Gyrobus: The Flywheel-Powered Public Transportation

Back in the 1940s, Swiss engineers developed a new kind of zero-emission electric bus that used a large spinning flywheel to store energy rather than rechargeable batteries.



## The Gyrobus : public transportation using flywheel energy

Developed by the Swiss company Oerlikon in the fifties, gyrobuses were used for approximately 7 years at Yvernon and Grandson in Switzerland, Léopoldville in Belgian Congo, and in Gand in Belgium. ...



## Gyroscopic Public Transit Concept Hovers Above Traffic at Varying

In this strange vision of a city in the not-so-distant future, disc-shaped public transit, emergency vehicles and cargo vehicles rise up above traffic on vertical supports to zoom through the ...

## The Future of Urban Transportation: Exploring the Gyro Bus

What is a Gyro Bus? A Gyro Bus, short for Gyroscopically Balanced Bus, is a revolutionary mode of public transportation that utilizes advanced gyroscopic technology to maintain ...



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