



WALMER ENERGY

# Flywheel energy storage company in Almaty Kazakhstan





## Overview

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What is the market share of Flywheel energy storage in 2025?

Utility will dominate with a 46.8% market share in 2025. The flywheel energy storage market is projected to reach USD 1.3 billion in 2025 and expand to USD 2.0 billion by 2035, advancing at a CAGR of 4.2 % during this period.

Where is the flywheel energy storage industry located?

Regionally, the flywheel energy storage industry is classified into North America, Latin America, Western Europe, Eastern Europe, Balkan & Baltic Countries, Russia & Belarus, Central Asia, East Asia, South Asia & Pacific, and the Middle East & Africa.

What is a flywheel energy storage system (fess)?

To solve this problem, London-based startup Levistor has developed an innovative Flywheel Energy Storage System (FESS), which acts as a kinetic battery. This technology stores energy from the grid during periods of low demand and releases it rapidly when an EV needs a quick charge. It can deliver 100 miles of range in just five minutes.

What are the benefits of a flywheel system?

2. Renewable Energy Integration These systems are particularly effective for integrating renewable energy sources, such as wind and solar. Flywheels can store excess energy generated during peak production times and release it when generation is low, ensuring a consistent energy supply.



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1GW! China Energy Construction signed a contract for a ...

Jun 6, 2025 · The project is located in Esik City, Almaty Region, and plans to build a 1GW photovoltaic power station, supporting energy storage systems, booster stations, and ...

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Flywheel Energy Storage Market Statistics, 2025-2034 Report

The flywheel energy storage market size crossed USD 1.3 billion in 2024 and is expected to register at a CAGR of 4.2% from 2025 to 2034, driven by rising demand for reliable UPS ...

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The Next Frontier in Energy Storage , Amber ...

Leading Provider in Dispatchable Generation Amber Kinetics is a leading designer of flywheel technology focused the energy storage needs of the ...

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Top 5 Advanced Flywheel Energy Storage Startups in 2025

4 days ago · This article explores five early and growth-stage advanced flywheel energy storage startups leading the next era of sustainable energy solutions. These startups have the ...

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Kazakhstan's First Waste-to-Energy Plant to Be Built in Almaty

Sep 4, 2025 · The company's proven experience in the Waste-to-Energy sector can serve as a driver for developing a new industry in Kazakhstan. This is a clear example of how investment ...

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Flywheel Energy Storage Market , Global Market Analysis ...

Sep 17, 2025 · Flywheel Energy Storage Market is expected to reach USD 2.0 billion and likely to surge at a CAGR of 4.2% during forecast period from 2025 to 2035.

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Top flywheel energy storage companies , VentureRadar

Top companies for flywheel energy storage at VentureRadar with Innovation Scores, Core Health Signals and more. Including Torus, Ariya Finergy Holdings Ltd. etc

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Top 100 Flywheel Energy Storage Companies ...

Convergent Energy and Power specializes in energy storage solutions, including flywheel energy storage, which provides frequency regulation ...

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## Kazakhstan Flywheel Energy Storage Market (2024-2030)

Kazakhstan Flywheel Energy Storage Market (2024-2030) , Value, Segmentation, Companies, Outlook, Share, Competitive Landscape, Size & Revenue, Growth, Analysis, Trends, Forecast, ...

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## Energy Storage Flywheel Market

The global flywheel energy storage market is shaped by a mix of specialized engineering firms and companies with deep expertise in high-speed rotational systems.

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## Top 100 Flywheel Energy Storage Companies in 2025 , ensun

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## The Next Frontier in Energy Storage , Amber Kinetics, Inc

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