



MODERNIZATION SOLAR

# Ukrainian flywheel energy storage industry





## 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.

Which countries use flywheel energy storage systems?

Therefore, the electrification of military systems is the major trend in the market for flywheel energy storage systems. Brazil, Russia, India, China, and South Africa (BRICS) and other developing countries that are undergoing rapid industrialization are the major consumers of energy.

Are flywheel energy storage systems a good choice?

Li-ion and lead-acid batteries are the most commonly used energy storage systems here. However, advantages of flywheel energy storage systems such as higher efficiency and longer life are projected to increase the demand for flywheel energy storage systems, within the country.

What are flywheels used for?

Flywheels are used as intermediate energy storage systems for transport applications such as automobiles. Flywheel storage energy systems are more commonly used in Formula 1 cars and hybrid vehicles. However, manufacturers such as Maruti Suzuki have adopted this technology for passenger vehicles also.



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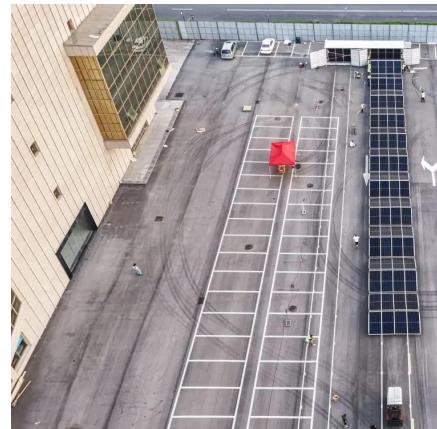


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## Flywheel Energy Storage System Market Size, ...

Flywheel Energy Storage System Market is projected to grow at a 3.40% CAGR from 2025 to 2035, driven by increasing demand for renewable ...



## Flywheel Energy Storage Market Analysis

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Global Flywheel Energy Storage size is estimated to grow by USD 224.2 million from 2024 to 2028 at a CAGR of 9% with the composite rims ...

## Flywheel Energy Storage System Market Size, Share Report ...

Flywheel Energy Storage System Market is projected to grow at a 3.40% CAGR from 2025 to 2035, driven by increasing demand for renewable energy integration and grid stability.



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Global Flywheel Energy Storage size is estimated to grow by USD 224.2 million from 2024 to 2028 at a CAGR of 9% with the composite rims having largest market share.



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