

Flywheel Energy Storage Systems Market in Japan - Industry Outlook and Forecast 2020-2026

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Abstracts

Flywheel energy storage (FES) works by accelerating a rotor (flywheel) to a very high speed and maintaining the energy in the system as rotational energy. When energy is extracted from the system, the flywheel's rotational speed is reduced as a consequence of the principle of conservation of energy; adding energy to the system correspondingly results in an increase in the speed of the flywheel.

Most FES systems use electricity to accelerate and decelerate the flywheel, but devices that directly use mechanical energy are being developed.

This report contains market size and forecasts of Flywheel Energy Storage Systems in Japan, including the following market information:

Japan Flywheel Energy Storage Systems Market Revenue, 2015-2020, 2021-2026, (\$ millions)

Top Five Competitors in Japan Flywheel Energy Storage Systems Market 2019 (%)

The global Flywheel Energy Storage Systems market was valued at 136.3 million in 2019 and is projected to reach US\$ 182.4 million by 2026, at a CAGR of 7.6% during the forecast period. While the Flywheel Energy Storage Systems market size in Japan was US\$ XX million in 2019, and it is expected to reach US\$ XX million by the end of 2026, with a CAGR of XX% during 2020-2026.

COVID-19 pandemic has big impact on Flywheel Energy Storage Systems businesses, with lots of challenges and uncertainty faced by many players of Flywheel Energy Storage Systems in Japan. This report also analyses and evaluates the COVID-19 impact on Flywheel Energy Storage Systems market size in 2020 and the next few years in Japan

Total Market by Segment:

Japan Flywheel Energy Storage Systems Market, By Type, 2015-2020, 2021-2026 (\$ millions)

Japan Flywheel Energy Storage Systems Market Segment Percentages, By Type, 2019 (%)

Less than 500KW

500-1000KW

More than 1000KW

Japan Flywheel Energy Storage Systems Market, By Application, 2015-2020, 2021-2026 (\$ millions)

Japan Flywheel Energy Storage Systems Market Segment Percentages, By Application, 2019 (%)

UPS

Electricity Grid

Transportation

Competitor Analysis

The report also provides analysis of leading market participants including:

Total Flywheel Energy Storage Systems Market Competitors Revenues in Japan, by Players 2015-2020 (Estimated), (\$ millions)

Total Flywheel Energy Storage Systems Market Competitors Revenues Share in Japan, by Players 2019 (%)

Further, the report presents profiles of competitors in the market, including the following:

Piller

Calnetix Technologies

ABB

POWERTHRU

PUNCH Flybrid

Amber Kinetic

Beijing Qifeng

Bc New Energy

Kinetic Traction Systems

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