

# Global Flywheel Energy Storage Market Professional Survey Report 2018

<https://marketpublishers.com/r/G264C872C57EN.html>

Date: June 2018

Pages: 113

Price: US\$ 3,500.00 (Single User License)

ID: G264C872C57EN

## Abstracts

This report studies Flywheel Energy Storage in Global market, especially in North America, China, Europe, Southeast Asia, Japan and India, with production, revenue, consumption, import and export in these regions, from 2013 to 2018, and forecast to 2025.

This report focuses on top manufacturers in global market, with production, price, revenue and market share for each manufacturer, covering

Active Power

Beacon Power

Calnetix Technologies

EnSync Energy

Acumentrics

Piller

Power Thru

Power Tree

Siemens

Boeing Management

Amber Kinetics

CCM

GKN Hybrid Power

Kinetic Traction

On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into

Based on Synchronous Motor Type

Based Reluctance Motor Type

Based on Induction Motor Type

By Application, the market can be split into

UPS

Load following for Distributed Generation

Transportation

Others

By Regions, this report covers (we can add the regions/countries as you want)

North America

China

Europe

Southeast Asia

Japan

India

If you have any special requirements, please let us know and we will offer you the report as you want.

## Contents

### Global Flywheel Energy Storage Market Professional Survey Report 2018

## **1 INDUSTRY OVERVIEW OF FLYWHEEL ENERGY STORAGE**

### 1.1 Definition and Specifications of Flywheel Energy Storage

- 1.1.1 Definition of Flywheel Energy Storage
- 1.1.2 Specifications of Flywheel Energy Storage

### 1.2 Classification of Flywheel Energy Storage

- 1.2.1 Based on Synchronous Motor Type
- 1.2.2 Based Reluctance Motor Type
- 1.2.3 Based on Induction Motor Type

### 1.3 Applications of Flywheel Energy Storage

- 1.3.1 UPS
- 1.3.2 Load following for Distributed Generation
- 1.3.3 Transportation
- 1.3.4 Others

### 1.4 Market Segment by Regions

- 1.4.1 North America
- 1.4.2 China
- 1.4.3 Europe
- 1.4.4 Southeast Asia
- 1.4.5 Japan
- 1.4.6 India

## **2 MANUFACTURING COST STRUCTURE ANALYSIS OF FLYWHEEL ENERGY STORAGE**

### 2.1 Raw Material and Suppliers

- 2.2 Manufacturing Cost Structure Analysis of Flywheel Energy Storage
- 2.3 Manufacturing Process Analysis of Flywheel Energy Storage
- 2.4 Industry Chain Structure of Flywheel Energy Storage

## **3 TECHNICAL DATA AND MANUFACTURING PLANTS ANALYSIS OF FLYWHEEL ENERGY STORAGE**

- 3.1 Capacity and Commercial Production Date of Global Flywheel Energy Storage  
Major Manufacturers in 2017

3.2 Manufacturing Plants Distribution of Global Flywheel Energy Storage Major Manufacturers in 2017

3.3 R&D Status and Technology Source of Global Flywheel Energy Storage Major Manufacturers in 2017

3.4 Raw Materials Sources Analysis of Global Flywheel Energy Storage Major Manufacturers in 2017

## **4 GLOBAL FLYWHEEL ENERGY STORAGE OVERALL MARKET OVERVIEW**

4.1 2013-2018E Overall Market Analysis

4.2 Capacity Analysis

4.2.1 2013-2018E Global Flywheel Energy Storage Capacity and Growth Rate Analysis

4.2.2 2017 Flywheel Energy Storage Capacity Analysis (Company Segment)

4.3 Sales Analysis

4.3.1 2013-2018E Global Flywheel Energy Storage Sales and Growth Rate Analysis

4.3.2 2017 Flywheel Energy Storage Sales Analysis (Company Segment)

4.4 Sales Price Analysis

4.4.1 2013-2018E Global Flywheel Energy Storage Sales Price

4.4.2 2017 Flywheel Energy Storage Sales Price Analysis (Company Segment)

## **5 FLYWHEEL ENERGY STORAGE REGIONAL MARKET ANALYSIS**

5.1 North America Flywheel Energy Storage Market Analysis

5.1.1 North America Flywheel Energy Storage Market Overview

5.1.2 North America 2013-2018E Flywheel Energy Storage Local Supply, Import, Export, Local Consumption Analysis

5.1.3 North America 2013-2018E Flywheel Energy Storage Sales Price Analysis

5.1.4 North America 2017 Flywheel Energy Storage Market Share Analysis

5.2 China Flywheel Energy Storage Market Analysis

5.2.1 China Flywheel Energy Storage Market Overview

5.2.2 China 2013-2018E Flywheel Energy Storage Local Supply, Import, Export, Local Consumption Analysis

5.2.3 China 2013-2018E Flywheel Energy Storage Sales Price Analysis

5.2.4 China 2017 Flywheel Energy Storage Market Share Analysis

5.3 Europe Flywheel Energy Storage Market Analysis

5.3.1 Europe Flywheel Energy Storage Market Overview

5.3.2 Europe 2013-2018E Flywheel Energy Storage Local Supply, Import, Export, Local Consumption Analysis

- 5.3.3 Europe 2013-2018E Flywheel Energy Storage Sales Price Analysis
- 5.3.4 Europe 2017 Flywheel Energy Storage Market Share Analysis
- 5.4 Southeast Asia Flywheel Energy Storage Market Analysis
  - 5.4.1 Southeast Asia Flywheel Energy Storage Market Overview
  - 5.4.2 Southeast Asia 2013-2018E Flywheel Energy Storage Local Supply, Import, Export, Local Consumption Analysis
  - 5.4.3 Southeast Asia 2013-2018E Flywheel Energy Storage Sales Price Analysis
  - 5.4.4 Southeast Asia 2017 Flywheel Energy Storage Market Share Analysis
- 5.5 Japan Flywheel Energy Storage Market Analysis
  - 5.5.1 Japan Flywheel Energy Storage Market Overview
  - 5.5.2 Japan 2013-2018E Flywheel Energy Storage Local Supply, Import, Export, Local Consumption Analysis
  - 5.5.3 Japan 2013-2018E Flywheel Energy Storage Sales Price Analysis
  - 5.5.4 Japan 2017 Flywheel Energy Storage Market Share Analysis
- 5.6 India Flywheel Energy Storage Market Analysis
  - 5.6.1 India Flywheel Energy Storage Market Overview
  - 5.6.2 India 2013-2018E Flywheel Energy Storage Local Supply, Import, Export, Local Consumption Analysis
  - 5.6.3 India 2013-2018E Flywheel Energy Storage Sales Price Analysis
  - 5.6.4 India 2017 Flywheel Energy Storage Market Share Analysis

## **6 GLOBAL 2013-2018E FLYWHEEL ENERGY STORAGE SEGMENT MARKET ANALYSIS (BY TYPE)**

- 6.1 Global 2013-2018E Flywheel Energy Storage Sales by Type
- 6.2 Different Types of Flywheel Energy Storage Product Interview Price Analysis
- 6.3 Different Types of Flywheel Energy Storage Product Driving Factors Analysis
  - 6.3.1 Based on Synchronous Motor Type of Flywheel Energy Storage Growth Driving Factor Analysis
  - 6.3.2 Based Reluctance Motor Type of Flywheel Energy Storage Growth Driving Factor Analysis
  - 6.3.3 Based on Induction Motor Type of Flywheel Energy Storage Growth Driving Factor Analysis

## **7 GLOBAL 2013-2018E FLYWHEEL ENERGY STORAGE SEGMENT MARKET ANALYSIS (BY APPLICATION)**

- 7.1 Global 2013-2018E Flywheel Energy Storage Consumption by Application
- 7.2 Different Application of Flywheel Energy Storage Product Interview Price Analysis

- 7.3 Different Application of Flywheel Energy Storage Product Driving Factors Analysis
  - 7.3.1 UPS of Flywheel Energy Storage Growth Driving Factor Analysis
  - 7.3.2 Load following for Distributed Generation of Flywheel Energy Storage Growth Driving Factor Analysis
  - 7.3.3 Transportation of Flywheel Energy Storage Growth Driving Factor Analysis
  - 7.3.4 Others of Flywheel Energy Storage Growth Driving Factor Analysis

## **8 MAJOR MANUFACTURERS ANALYSIS OF FLYWHEEL ENERGY STORAGE**

### 8.1 Active Power

- 8.1.1 Company Profile
- 8.1.2 Product Picture and Specifications
  - 8.1.2.1 Product A
  - 8.1.2.2 Product B
- 8.1.3 Active Power 2017 Flywheel Energy Storage Sales, Ex-factory Price, Revenue, Gross Margin Analysis
- 8.1.4 Active Power 2017 Flywheel Energy Storage Business Region Distribution Analysis

### 8.2 Beacon Power

- 8.2.1 Company Profile
- 8.2.2 Product Picture and Specifications
  - 8.2.2.1 Product A
  - 8.2.2.2 Product B
- 8.2.3 Beacon Power 2017 Flywheel Energy Storage Sales, Ex-factory Price, Revenue, Gross Margin Analysis
- 8.2.4 Beacon Power 2017 Flywheel Energy Storage Business Region Distribution Analysis

### 8.3 Calnetix Technologies

- 8.3.1 Company Profile
- 8.3.2 Product Picture and Specifications
  - 8.3.2.1 Product A
  - 8.3.2.2 Product B
- 8.3.3 Calnetix Technologies 2017 Flywheel Energy Storage Sales, Ex-factory Price, Revenue, Gross Margin Analysis
- 8.3.4 Calnetix Technologies 2017 Flywheel Energy Storage Business Region Distribution Analysis

### 8.4 EnSync Energy

- 8.4.1 Company Profile
- 8.4.2 Product Picture and Specifications

8.4.2.1 Product A

8.4.2.2 Product B

8.4.3 EnSync Energy 2017 Flywheel Energy Storage Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.4.4 EnSync Energy 2017 Flywheel Energy Storage Business Region Distribution Analysis

8.5 Acumentrics

8.5.1 Company Profile

8.5.2 Product Picture and Specifications

8.5.2.1 Product A

8.5.2.2 Product B

8.5.3 Acumentrics 2017 Flywheel Energy Storage Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.5.4 Acumentrics 2017 Flywheel Energy Storage Business Region Distribution Analysis

8.6 Piller

8.6.1 Company Profile

8.6.2 Product Picture and Specifications

8.6.2.1 Product A

8.6.2.2 Product B

8.6.3 Piller 2017 Flywheel Energy Storage Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.6.4 Piller 2017 Flywheel Energy Storage Business Region Distribution Analysis

8.7 Power Thru

8.7.1 Company Profile

8.7.2 Product Picture and Specifications

8.7.2.1 Product A

8.7.2.2 Product B

8.7.3 Power Thru 2017 Flywheel Energy Storage Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.7.4 Power Thru 2017 Flywheel Energy Storage Business Region Distribution Analysis

8.8 Power Tree

8.8.1 Company Profile

8.8.2 Product Picture and Specifications

8.8.2.1 Product A

8.8.2.2 Product B

8.8.3 Power Tree 2017 Flywheel Energy Storage Sales, Ex-factory Price, Revenue, Gross Margin Analysis



8.8.4 Power Tree 2017 Flywheel Energy Storage Business Region Distribution Analysis

8.9 Siemens

8.9.1 Company Profile

8.9.2 Product Picture and Specifications

8.9.2.1 Product A

8.9.2.2 Product B

8.9.3 Siemens 2017 Flywheel Energy Storage Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.9.4 Siemens 2017 Flywheel Energy Storage Business Region Distribution Analysis

8.10 Boeing Management

8.10.1 Company Profile

8.10.2 Product Picture and Specifications

8.10.2.1 Product A

8.10.2.2 Product B

8.10.3 Boeing Management 2017 Flywheel Energy Storage Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.10.4 Boeing Management 2017 Flywheel Energy Storage Business Region Distribution Analysis

8.11 Amber Kinetics

8.12 CCM

8.13 GKN Hybrid Power

8.14 Kinetic Traction

## **9 DEVELOPMENT TREND OF ANALYSIS OF FLYWHEEL ENERGY STORAGE MARKET**

9.1 Global Flywheel Energy Storage Market Trend Analysis

9.1.1 Global 2018-2025 Flywheel Energy Storage Market Size (Volume and Value) Forecast

9.1.2 Global 2018-2025 Flywheel Energy Storage Sales Price Forecast

9.2 Flywheel Energy Storage Regional Market Trend

9.2.1 North America 2018-2025 Flywheel Energy Storage Consumption Forecast

9.2.2 China 2018-2025 Flywheel Energy Storage Consumption Forecast

9.2.3 Europe 2018-2025 Flywheel Energy Storage Consumption Forecast

9.2.4 Southeast Asia 2018-2025 Flywheel Energy Storage Consumption Forecast

9.2.5 Japan 2018-2025 Flywheel Energy Storage Consumption Forecast

9.2.6 India 2018-2025 Flywheel Energy Storage Consumption Forecast

9.3 Flywheel Energy Storage Market Trend (Product Type)

#### 9.4 Flywheel Energy Storage Market Trend (Application)

### **10 FLYWHEEL ENERGY STORAGE MARKETING TYPE ANALYSIS**

10.1 Flywheel Energy Storage Regional Marketing Type Analysis

10.2 Flywheel Energy Storage International Trade Type Analysis

10.3 Traders or Distributors with Contact Information of Flywheel Energy Storage by Region

10.4 Flywheel Energy Storage Supply Chain Analysis

### **11 CONSUMERS ANALYSIS OF FLYWHEEL ENERGY STORAGE**

11.1 Consumer 1 Analysis

11.2 Consumer 2 Analysis

11.3 Consumer 3 Analysis

11.4 Consumer 4 Analysis

### **12 CONCLUSION OF THE GLOBAL FLYWHEEL ENERGY STORAGE MARKET PROFESSIONAL SURVEY REPORT 2017**

Methodology

Analyst Introduction

Data Source

The report requires updating with new data and is sent in 2-3 business days after order is placed.

## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Picture of Flywheel Energy Storage  
Table Product Specifications of Flywheel Energy Storage  
Table Classification of Flywheel Energy Storage  
Figure Global Production Market Share of Flywheel Energy Storage by Type in 2017  
Figure Based on Synchronous Motor Type Picture  
Table Major Manufacturers of Based on Synchronous Motor Type  
Figure Based Reluctance Motor Type Picture  
Table Major Manufacturers of Based Reluctance Motor Type  
Figure Based on Induction Motor Type Picture  
Table Major Manufacturers of Based on Induction Motor Type  
Table Applications of Flywheel Energy Storage  
Figure Global Consumption Volume Market Share of Flywheel Energy Storage by Application in 2017  
Figure UPS Examples  
Table Major Consumers in UPS  
Figure Load following for Distributed Generation Examples  
Table Major Consumers in Load following for Distributed Generation  
Figure Transportation Examples  
Table Major Consumers in Transportation  
Figure Others Examples  
Table Major Consumers in Others  
Figure Market Share of Flywheel Energy Storage by Regions  
Figure North America Flywheel Energy Storage Market Size (Million USD) (2013-2025)  
Figure China Flywheel Energy Storage Market Size (Million USD) (2013-2025)  
Figure Europe Flywheel Energy Storage Market Size (Million USD) (2013-2025)  
Figure Southeast Asia Flywheel Energy Storage Market Size (Million USD) (2013-2025)  
Figure Japan Flywheel Energy Storage Market Size (Million USD) (2013-2025)  
Figure India Flywheel Energy Storage Market Size (Million USD) (2013-2025)  
Table Flywheel Energy Storage Raw Material and Suppliers  
Table Manufacturing Cost Structure Analysis of Flywheel Energy Storage in 2017  
Figure Manufacturing Process Analysis of Flywheel Energy Storage  
Figure Industry Chain Structure of Flywheel Energy Storage  
Table Capacity and Commercial Production Date of Global Flywheel Energy Storage Major Manufacturers in 2017  
Table Manufacturing Plants Distribution of Global Flywheel Energy Storage Major Manufacturers in 2017

Table R&D Status and Technology Source of Global Flywheel Energy Storage Major Manufacturers in 2017

Table Raw Materials Sources Analysis of Global Flywheel Energy Storage Major Manufacturers in 2017

Table Global Capacity, Sales, Price, Cost, Sales Revenue (M USD) and Gross Margin of Flywheel Energy Storage 2013-2018E

Figure Global 2013-2018E Flywheel Energy Storage Market Size (Volume) and Growth Rate

Figure Global 2013-2018E Flywheel Energy Storage Market Size (Value) and Growth Rate

Table 2013-2018E Global Flywheel Energy Storage Capacity and Growth Rate

Table 2017 Global Flywheel Energy Storage Capacity ( ) List (Company Segment)

Table 2013-2018E Global Flywheel Energy Storage Sales ( ) and Growth Rate

Table 2017 Global Flywheel Energy Storage Sales ( ) List (Company Segment)

Table 2013-2018E Global Flywheel Energy Storage Sales Price ( )

Table 2017 Global Flywheel Energy Storage Sales Price ( ) List (Company Segment)

Figure North America Capacity Overview

Table North America Supply, Import, Export and Consumption ( ) of Flywheel Energy Storage 2013-2018E

Figure North America 2013-2018E Flywheel Energy Storage Sales Price ( )

Figure North America 2017 Flywheel Energy Storage Sales Market Share

Figure China Capacity Overview

Table China Supply, Import, Export and Consumption ( ) of Flywheel Energy Storage 2013-2018E

Figure China 2013-2018E Flywheel Energy Storage Sales Price ( )

Figure China 2017 Flywheel Energy Storage Sales Market Share

Figure Europe Capacity Overview

Table Europe Supply, Import, Export and Consumption ( ) of Flywheel Energy Storage 2013-2018E

Figure Europe 2013-2018E Flywheel Energy Storage Sales Price ( )

Figure Europe 2017 Flywheel Energy Storage Sales Market Share

Figure Southeast Asia Capacity Overview

Table Southeast Asia Supply, Import, Export and Consumption ( ) of Flywheel Energy Storage 2013-2018E

Figure Southeast Asia 2013-2018E Flywheel Energy Storage Sales Price ( )

Figure Southeast Asia 2017 Flywheel Energy Storage Sales Market Share

Figure Japan Capacity Overview

Table Japan Supply, Import, Export and Consumption ( ) of Flywheel Energy Storage 2013-2018E

Figure Japan 2013-2018E Flywheel Energy Storage Sales Price ( )  
Figure Japan 2017 Flywheel Energy Storage Sales Market Share  
Figure India Capacity Overview  
Table India Supply, Import, Export and Consumption ( ) of Flywheel Energy Storage 2013-2018E  
Figure India 2013-2018E Flywheel Energy Storage Sales Price ( )  
Figure India 2017 Flywheel Energy Storage Sales Market Share  
Table Global 2013-2018E Flywheel Energy Storage Sales ( ) by Type  
Table Different Types Flywheel Energy Storage Product Interview Price  
Table Global 2013-2018E Flywheel Energy Storage Sales ( ) by Application  
Table Different Application Flywheel Energy Storage Product Interview Price  
Table Active Power Information List  
Table Product A Overview  
Table Product B Overview  
Table 2017 Active Power Flywheel Energy Storage Revenue (Million USD), Sales ( ), Ex-factory Price ( )  
Figure 2017 Active Power Flywheel Energy Storage Business Region Distribution  
Table Beacon Power Information List  
Table Product A Overview  
Table Product B Overview  
Table 2017 Beacon Power Flywheel Energy Storage Revenue (Million USD), Sales ( ), Ex-factory Price ( )  
Figure 2017 Beacon Power Flywheel Energy Storage Business Region Distribution  
Table Calnetix Technologies Information List  
Table Product A Overview  
Table Product B Overview  
Table 2015 Calnetix Technologies Flywheel Energy Storage Revenue (Million USD), Sales ( ), Ex-factory Price ( )  
Figure 2017 Calnetix Technologies Flywheel Energy Storage Business Region Distribution  
Table EnSync Energy Information List  
Table Product A Overview  
Table Product B Overview  
Table 2017 EnSync Energy Flywheel Energy Storage Revenue (Million USD), Sales ( ), Ex-factory Price ( )  
Figure 2017 EnSync Energy Flywheel Energy Storage Business Region Distribution  
Table Acumentrics Information List  
Table Product A Overview  
Table Product B Overview

Table 2017 Acumentrics Flywheel Energy Storage Revenue (Million USD), Sales (), Ex-factory Price ()

Figure 2017 Acumentrics Flywheel Energy Storage Business Region Distribution

Table Piller Information List

Table Product A Overview

Table Product B Overview

Table 2017 Piller Flywheel Energy Storage Revenue (Million USD), Sales (), Ex-factory Price ()

Figure 2017 Piller Flywheel Energy Storage Business Region Distribution

Table Power Thru Information List

Table Product A Overview

Table Product B Overview

Table 2017 Power Thru Flywheel Energy Storage Revenue (Million USD), Sales (), Ex-factory Price ()

Figure 2017 Power Thru Flywheel Energy Storage Business Region Distribution

Table Power Tree Information List

Table Product A Overview

Table Product B Overview

Table 2017 Power Tree Flywheel Energy Storage Revenue (Million USD), Sales (), Ex-factory Price ()

Figure 2017 Power Tree Flywheel Energy Storage Business Region Distribution

Table Siemens Information List

Table Product A Overview

Table Product B Overview

Table 2017 Siemens Flywheel Energy Storage Revenue (Million USD), Sales (), Ex-factory Price ()

Figure 2017 Siemens Flywheel Energy Storage Business Region Distribution

Table Boeing Management Information List

Table Product A Overview

Table Product B Overview

Table 2017 Boeing Management Flywheel Energy Storage Revenue (Million USD), Sales (), Ex-factory Price ()

Figure 2017 Boeing Management Flywheel Energy Storage Business Region Distribution

Table Amber Kinetics Information List

Table CCM Information List

Table GKN Hybrid Power Information List

Table Kinetic Traction Information List

Figure Global 2018-2025 Flywheel Energy Storage Market Size () and Growth Rate

## Forecast

Figure Global 2018-2025 Flywheel Energy Storage Market Size (Million USD) and Growth Rate Forecast

Figure Global 2018-2025 Flywheel Energy Storage Sales Price (€) Forecast

Figure North America 2018-2025 Flywheel Energy Storage Consumption Volume (MWh) and Growth Rate Forecast

Figure China 2018-2025 Flywheel Energy Storage Consumption Volume (MWh) and Growth Rate Forecast

Figure Europe 2018-2025 Flywheel Energy Storage Consumption Volume (MWh) and Growth Rate Forecast

Figure Southeast Asia 2018-2025 Flywheel Energy Storage Consumption Volume (MWh) and Growth Rate Forecast

Figure Japan 2018-2025 Flywheel Energy Storage Consumption Volume (MWh) and Growth Rate Forecast

Figure India 2018-2025 Flywheel Energy Storage Consumption Volume (MWh) and Growth Rate Forecast

Table Global Sales Volume (MWh) of Flywheel Energy Storage by Type 2018-2025

Table Global Consumption Volume (MWh) of Flywheel Energy Storage by Application 2018-2025

Table Traders or Distributors with Contact Information of Flywheel Energy Storage by Region

## I would like to order

Product name: Global Flywheel Energy Storage Market Professional Survey Report 2018

Product link: <https://marketpublishers.com/r/G264C872C57EN.html>

Price: US\$ 3,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G264C872C57EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970