

Global Energy Storage for Drones Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Energy Storage for Drones market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

Drones are UAVs (unmanned aerial vehicles), controlled by handheld remote or mobile devices.

Due to the rapid development of the wind power and photovoltaic industry, as well as the increasing awareness of environmental protection in various countries, the energy storage industry is becoming one of the key technologies, which is used in many countries to advance the carbon neutral target process today. The United States, China and Japan occupied the leading position in the installed capacity of energy storage projects, among which the United States is the world's largest energy storage market. The European Union established the European Battery Alliance (EBA) in 2017, aiming to escape the EU's dependence on Asian manufacturers in the battery storage field. According to Data Europa's statistics, the cumulative installed capacity has reached 48.38GW in 2020. At present, pumped storage accounts for 94% of the energy storage market in Europe, with Spain and Germany having the largest capacity. According to BNEF data, electrochemical energy storage in the United States added 3.97GW / 10.88 GWh in 2021. In terms of power, it accounted for 40% of the global increase. In 2022, the United States passed the IRA, which subsidized independent energy storage for the first time. Under the ITC, new energy storage projects could offset up to 64% of the investment. The effect of the policy has initially appeared, and the energy storage industry in the United States shows an upward trend.

The Global Info Research report includes an overview of the development of the Energy Storage for Drones industry chain, the market status of Agriculture (Batteries, Fuel Cell), Construction (Batteries, Fuel Cell), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Energy Storage for Drones.

Regionally, the report analyzes the Energy Storage for Drones markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Energy Storage for Drones market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Energy Storage for Drones market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Energy Storage for Drones industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (GWh), revenue generated, and market share of different by Type (e.g., Batteries, Fuel Cell).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Energy Storage for Drones market.

Regional Analysis: The report involves examining the Energy Storage for Drones market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Energy Storage for Drones market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Energy Storage for Drones:

Company Analysis: Report covers individual Energy Storage for Drones manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Energy Storage for Drones. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Agriculture, Construction).

Technology Analysis: Report covers specific technologies relevant to Energy Storage for Drones. It assesses the current state, advancements, and potential future developments in Energy Storage for Drones areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Energy Storage for Drones market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Energy Storage for Drones market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Batteries

Fuel Cell

Market segment by Application

Agriculture

Construction

Power And Water Utility

Real Estate

Journalism

Cinematography

Transportation

Energy Sector

Major players covered

Amperex Technology

Ballard Power Systems

DJI

Highpower International

Kokam

Grepow

H3 Dynamics

Intelligent Energy

Lumenier

MicroMultiCopter Aero Technology

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Energy Storage for Drones product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Energy Storage for Drones, with price, sales, revenue and global market share of Energy Storage for Drones from 2019 to 2024.

Chapter 3, the Energy Storage for Drones competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Energy Storage for Drones breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Energy Storage for Drones market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Energy Storage for Drones.

Chapter 14 and 15, to describe Energy Storage for Drones sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Energy Storage for Drones
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Energy Storage for Drones Consumption Value by Type: 2019 Versus 2023 Versus 2030
 - 1.3.2 Batteries
 - 1.3.3 Fuel Cell
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Energy Storage for Drones Consumption Value by Application: 2019 Versus 2023 Versus 2030
 - 1.4.2 Agriculture
 - 1.4.3 Construction
 - 1.4.4 Power And Water Utility
 - 1.4.5 Real Estate
 - 1.4.6 Journalism
 - 1.4.7 Cinematography
 - 1.4.8 Transportation
 - 1.4.9 Energy Sector
- 1.5 Global Energy Storage for Drones Market Size & Forecast
 - 1.5.1 Global Energy Storage for Drones Consumption Value (2019 & 2023 & 2030)
 - 1.5.2 Global Energy Storage for Drones Sales Quantity (2019-2030)
 - 1.5.3 Global Energy Storage for Drones Average Price (2019-2030)

2 MANUFACTURERS PROFILES

- 2.1 Amperex Technology
 - 2.1.1 Amperex Technology Details
 - 2.1.2 Amperex Technology Major Business
 - 2.1.3 Amperex Technology Energy Storage for Drones Product and Services
 - 2.1.4 Amperex Technology Energy Storage for Drones Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 Amperex Technology Recent Developments/Updates
- 2.2 Ballard Power Systems
 - 2.2.1 Ballard Power Systems Details
 - 2.2.2 Ballard Power Systems Major Business

- 2.2.3 Ballard Power Systems Energy Storage for Drones Product and Services
- 2.2.4 Ballard Power Systems Energy Storage for Drones Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.2.5 Ballard Power Systems Recent Developments/Updates
- 2.3 DJI
 - 2.3.1 DJI Details
 - 2.3.2 DJI Major Business
 - 2.3.3 DJI Energy Storage for Drones Product and Services
 - 2.3.4 DJI Energy Storage for Drones Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.3.5 DJI Recent Developments/Updates
- 2.4 Highpower International
 - 2.4.1 Highpower International Details
 - 2.4.2 Highpower International Major Business
 - 2.4.3 Highpower International Energy Storage for Drones Product and Services
 - 2.4.4 Highpower International Energy Storage for Drones Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.4.5 Highpower International Recent Developments/Updates
- 2.5 Kokam
 - 2.5.1 Kokam Details
 - 2.5.2 Kokam Major Business
 - 2.5.3 Kokam Energy Storage for Drones Product and Services
 - 2.5.4 Kokam Energy Storage for Drones Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.5.5 Kokam Recent Developments/Updates
- 2.6 Grepow
 - 2.6.1 Grepow Details
 - 2.6.2 Grepow Major Business
 - 2.6.3 Grepow Energy Storage for Drones Product and Services
 - 2.6.4 Grepow Energy Storage for Drones Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.6.5 Grepow Recent Developments/Updates
- 2.7 H3 Dynamics
 - 2.7.1 H3 Dynamics Details
 - 2.7.2 H3 Dynamics Major Business
 - 2.7.3 H3 Dynamics Energy Storage for Drones Product and Services
 - 2.7.4 H3 Dynamics Energy Storage for Drones Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.7.5 H3 Dynamics Recent Developments/Updates

2.8 Intelligent Energy

2.8.1 Intelligent Energy Details

2.8.2 Intelligent Energy Major Business

2.8.3 Intelligent Energy Energy Storage for Drones Product and Services

2.8.4 Intelligent Energy Energy Storage for Drones Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.8.5 Intelligent Energy Recent Developments/Updates

2.9 Lumenier

2.9.1 Lumenier Details

2.9.2 Lumenier Major Business

2.9.3 Lumenier Energy Storage for Drones Product and Services

2.9.4 Lumenier Energy Storage for Drones Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.9.5 Lumenier Recent Developments/Updates

2.10 MicroMultiCopter Aero Technology

2.10.1 MicroMultiCopter Aero Technology Details

2.10.2 MicroMultiCopter Aero Technology Major Business

2.10.3 MicroMultiCopter Aero Technology Energy Storage for Drones Product and Services

2.10.4 MicroMultiCopter Aero Technology Energy Storage for Drones Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.10.5 MicroMultiCopter Aero Technology Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: ENERGY STORAGE FOR DRONES BY MANUFACTURER

3.1 Global Energy Storage for Drones Sales Quantity by Manufacturer (2019-2024)

3.2 Global Energy Storage for Drones Revenue by Manufacturer (2019-2024)

3.3 Global Energy Storage for Drones Average Price by Manufacturer (2019-2024)

3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of Energy Storage for Drones by Manufacturer Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 Energy Storage for Drones Manufacturer Market Share in 2023

3.4.2 Top 6 Energy Storage for Drones Manufacturer Market Share in 2023

3.5 Energy Storage for Drones Market: Overall Company Footprint Analysis

3.5.1 Energy Storage for Drones Market: Region Footprint

3.5.2 Energy Storage for Drones Market: Company Product Type Footprint

3.5.3 Energy Storage for Drones Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Energy Storage for Drones Market Size by Region

4.1.1 Global Energy Storage for Drones Sales Quantity by Region (2019-2030)

4.1.2 Global Energy Storage for Drones Consumption Value by Region (2019-2030)

4.1.3 Global Energy Storage for Drones Average Price by Region (2019-2030)

4.2 North America Energy Storage for Drones Consumption Value (2019-2030)

4.3 Europe Energy Storage for Drones Consumption Value (2019-2030)

4.4 Asia-Pacific Energy Storage for Drones Consumption Value (2019-2030)

4.5 South America Energy Storage for Drones Consumption Value (2019-2030)

4.6 Middle East and Africa Energy Storage for Drones Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

5.1 Global Energy Storage for Drones Sales Quantity by Type (2019-2030)

5.2 Global Energy Storage for Drones Consumption Value by Type (2019-2030)

5.3 Global Energy Storage for Drones Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Energy Storage for Drones Sales Quantity by Application (2019-2030)

6.2 Global Energy Storage for Drones Consumption Value by Application (2019-2030)

6.3 Global Energy Storage for Drones Average Price by Application (2019-2030)

7 NORTH AMERICA

7.1 North America Energy Storage for Drones Sales Quantity by Type (2019-2030)

7.2 North America Energy Storage for Drones Sales Quantity by Application (2019-2030)

7.3 North America Energy Storage for Drones Market Size by Country

7.3.1 North America Energy Storage for Drones Sales Quantity by Country (2019-2030)

7.3.2 North America Energy Storage for Drones Consumption Value by Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

- 8.1 Europe Energy Storage for Drones Sales Quantity by Type (2019-2030)
- 8.2 Europe Energy Storage for Drones Sales Quantity by Application (2019-2030)
- 8.3 Europe Energy Storage for Drones Market Size by Country
 - 8.3.1 Europe Energy Storage for Drones Sales Quantity by Country (2019-2030)
 - 8.3.2 Europe Energy Storage for Drones Consumption Value by Country (2019-2030)
 - 8.3.3 Germany Market Size and Forecast (2019-2030)
 - 8.3.4 France Market Size and Forecast (2019-2030)
 - 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
 - 8.3.6 Russia Market Size and Forecast (2019-2030)
 - 8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Energy Storage for Drones Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific Energy Storage for Drones Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific Energy Storage for Drones Market Size by Region
 - 9.3.1 Asia-Pacific Energy Storage for Drones Sales Quantity by Region (2019-2030)
 - 9.3.2 Asia-Pacific Energy Storage for Drones Consumption Value by Region (2019-2030)
 - 9.3.3 China Market Size and Forecast (2019-2030)
 - 9.3.4 Japan Market Size and Forecast (2019-2030)
 - 9.3.5 Korea Market Size and Forecast (2019-2030)
 - 9.3.6 India Market Size and Forecast (2019-2030)
 - 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
 - 9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

- 10.1 South America Energy Storage for Drones Sales Quantity by Type (2019-2030)
- 10.2 South America Energy Storage for Drones Sales Quantity by Application (2019-2030)
- 10.3 South America Energy Storage for Drones Market Size by Country
 - 10.3.1 South America Energy Storage for Drones Sales Quantity by Country (2019-2030)
 - 10.3.2 South America Energy Storage for Drones Consumption Value by Country (2019-2030)

- 10.3.3 Brazil Market Size and Forecast (2019-2030)
- 10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Energy Storage for Drones Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa Energy Storage for Drones Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa Energy Storage for Drones Market Size by Country
 - 11.3.1 Middle East & Africa Energy Storage for Drones Sales Quantity by Country (2019-2030)
 - 11.3.2 Middle East & Africa Energy Storage for Drones Consumption Value by Country (2019-2030)
 - 11.3.3 Turkey Market Size and Forecast (2019-2030)
 - 11.3.4 Egypt Market Size and Forecast (2019-2030)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
 - 11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

- 12.1 Energy Storage for Drones Market Drivers
- 12.2 Energy Storage for Drones Market Restraints
- 12.3 Energy Storage for Drones Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Energy Storage for Drones and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Energy Storage for Drones
- 13.3 Energy Storage for Drones Production Process
- 13.4 Energy Storage for Drones Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Energy Storage for Drones Typical Distributors

14.3 Energy Storage for Drones Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

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