

# 2018-2023 Global Lead Acid Battery for ESS Consumption Market Report

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## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Lead Acid Battery for ESS market for 2018-2023.

Energy storage systems (ESS) store surplus electricity and facilitate the use of batteries when the generated electricity is greater than the demand. The surplus power saved in these systems is supplied to the customers when the demand exceeds the supply. Countries are investing heavily in grid infrastructures to overcome the power supply irregularities, and this is expected to drive the growth of the battery market. ESS comprise various technologies, such as pumped-hydro storage systems, flywheels, lead-acid batteries, and advanced batteries (Li-ion).

The lead-acid battery is the oldest type of rechargeable battery. Despite having a very low energy-to-weight ratio and a low energy-to-volume ratio, its ability to supply high surge currents means that the cells have a relatively large power-to-weight ratio. These features, along with their low cost, make them attractive for use in motor vehicles to provide the high current required by automobile starter motors.

Over the next five years, LPI(LP Information) projects that Lead Acid Battery for ESS will register a xx% CAGR in terms of revenue, reach US\$ xx million by 2023, from US\$ xx million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Lead Acid Battery for ESS market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

Utility-owned model

Custom-owned model

Third-party-owned model

Segmentation by application:

Commercial

Household

Industrial

Military

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key

manufacturers covered in this report:

Axion Power

C&D Technologies

EaglePicher Technologies

EnerSys

Exide Technologies

Ecoult

Princeton Power Systems

Redflow

Surrette Battery Company

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

## **RESEARCH OBJECTIVES**

To study and analyze the global Lead Acid Battery for ESS consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Lead Acid Battery for ESS market by identifying its various subsegments.

Focuses on the key global Lead Acid Battery for ESS manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Lead Acid Battery for ESS with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Lead Acid Battery for ESS submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

## Contents

### **2018-2023 GLOBAL LEAD ACID BATTERY FOR ESS CONSUMPTION MARKET REPORT**

#### **1 SCOPE OF THE REPORT**

- 1.1 Market Introduction
- 1.2 Research Objectives
- 1.3 Years Considered
- 1.4 Market Research Methodology
- 1.5 Economic Indicators
- 1.6 Currency Considered

#### **2 EXECUTIVE SUMMARY**

- 2.1 World Market Overview
  - 2.1.1 Global Lead Acid Battery for ESS Consumption 2013-2023
  - 2.1.2 Lead Acid Battery for ESS Consumption CAGR by Region
- 2.2 Lead Acid Battery for ESS Segment by Type
  - 2.2.1 Utility-owned model
  - 2.2.2 Custom-owned model
  - 2.2.3 Third-party-owned model
- 2.3 Lead Acid Battery for ESS Consumption by Type
  - 2.3.1 Global Lead Acid Battery for ESS Consumption Market Share by Type (2013-2018)
  - 2.3.2 Global Lead Acid Battery for ESS Revenue and Market Share by Type (2013-2018)
  - 2.3.3 Global Lead Acid Battery for ESS Sale Price by Type (2013-2018)
- 2.4 Lead Acid Battery for ESS Segment by Application
  - 2.4.1 Commercial
  - 2.4.2 Household
  - 2.4.3 Industrial
  - 2.4.4 Military
- 2.5 Lead Acid Battery for ESS Consumption by Application
  - 2.5.1 Global Lead Acid Battery for ESS Consumption Market Share by Application (2013-2018)
  - 2.5.2 Global Lead Acid Battery for ESS Value and Market Share by Application (2013-2018)

2.5.3 Global Lead Acid Battery for ESS Sale Price by Application (2013-2018)

### **3 GLOBAL LEAD ACID BATTERY FOR ESS BY PLAYERS**

3.1 Global Lead Acid Battery for ESS Sales Market Share by Players

3.1.1 Global Lead Acid Battery for ESS Sales by Players (2016-2018)

3.1.2 Global Lead Acid Battery for ESS Sales Market Share by Players (2016-2018)

3.2 Global Lead Acid Battery for ESS Revenue Market Share by Players

3.2.1 Global Lead Acid Battery for ESS Revenue by Players (2016-2018)

3.2.2 Global Lead Acid Battery for ESS Revenue Market Share by Players  
(2016-2018)

3.3 Global Lead Acid Battery for ESS Sale Price by Players

3.4 Global Lead Acid Battery for ESS Manufacturing Base Distribution, Sales Area,  
Product Types by Players

3.4.1 Global Lead Acid Battery for ESS Manufacturing Base Distribution and Sales  
Area by Players

3.4.2 Players Lead Acid Battery for ESS Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) (2016-2018)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

### **4 LEAD ACID BATTERY FOR ESS BY REGIONS**

4.1 Lead Acid Battery for ESS by Regions

4.1.1 Global Lead Acid Battery for ESS Consumption by Regions

4.1.2 Global Lead Acid Battery for ESS Value by Regions

4.2 Americas Lead Acid Battery for ESS Consumption Growth

4.3 APAC Lead Acid Battery for ESS Consumption Growth

4.4 Europe Lead Acid Battery for ESS Consumption Growth

4.5 Middle East & Africa Lead Acid Battery for ESS Consumption Growth

### **5 AMERICAS**

5.1 Americas Lead Acid Battery for ESS Consumption by Countries

5.1.1 Americas Lead Acid Battery for ESS Consumption by Countries (2013-2018)

5.1.2 Americas Lead Acid Battery for ESS Value by Countries (2013-2018)

5.2 Americas Lead Acid Battery for ESS Consumption by Type

5.3 Americas Lead Acid Battery for ESS Consumption by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Key Economic Indicators of Few Americas Countries

## **6 APAC**

6.1 APAC Lead Acid Battery for ESS Consumption by Countries

6.1.1 APAC Lead Acid Battery for ESS Consumption by Countries (2013-2018)

6.1.2 APAC Lead Acid Battery for ESS Value by Countries (2013-2018)

6.2 APAC Lead Acid Battery for ESS Consumption by Type

6.3 APAC Lead Acid Battery for ESS Consumption by Application

6.4 China

6.5 Japan

6.6 Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 Key Economic Indicators of Few APAC Countries

## **7 EUROPE**

7.1 Europe Lead Acid Battery for ESS by Countries

7.1.1 Europe Lead Acid Battery for ESS Consumption by Countries (2013-2018)

7.1.2 Europe Lead Acid Battery for ESS Value by Countries (2013-2018)

7.2 Europe Lead Acid Battery for ESS Consumption by Type

7.3 Europe Lead Acid Battery for ESS Consumption by Application

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

7.9 Spain

7.10 Key Economic Indicators of Few Europe Countries

## **8 MIDDLE EAST & AFRICA**

8.1 Middle East & Africa Lead Acid Battery for ESS by Countries



8.1.1 Middle East & Africa Lead Acid Battery for ESS Consumption by Countries (2013-2018)

8.1.2 Middle East & Africa Lead Acid Battery for ESS Value by Countries (2013-2018)

8.2 Middle East & Africa Lead Acid Battery for ESS Consumption by Type

8.3 Middle East & Africa Lead Acid Battery for ESS Consumption by Application

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

9.1 Market Drivers and Impact

9.1.1 Growing Demand from Key Regions

9.1.2 Growing Demand from Key Applications and Potential Industries

9.2 Market Challenges and Impact

9.3 Market Trends

## **10 MARKETING, DISTRIBUTORS AND CUSTOMER**

10.1 Sales Channel

10.1.1 Direct Marketing

10.1.2 Indirect Marketing

10.2 Lead Acid Battery for ESS Distributors

10.3 Lead Acid Battery for ESS Customer

## **11 GLOBAL LEAD ACID BATTERY FOR ESS MARKET FORECAST**

11.1 Global Lead Acid Battery for ESS Consumption Forecast (2018-2023)

11.2 Global Lead Acid Battery for ESS Forecast by Regions

11.2.1 Global Lead Acid Battery for ESS Forecast by Regions (2018-2023)

11.2.2 Global Lead Acid Battery for ESS Value Forecast by Regions (2018-2023)

11.2.3 Americas Consumption Forecast

11.2.4 APAC Consumption Forecast

11.2.5 Europe Consumption Forecast

11.2.6 Middle East & Africa Consumption Forecast

11.3 Americas Forecast by Countries

11.3.1 United States Market Forecast

- 11.3.2 Canada Market Forecast
- 11.3.3 Mexico Market Forecast
- 11.3.4 Brazil Market Forecast
- 11.4 APAC Forecast by Countries
  - 11.4.1 China Market Forecast
  - 11.4.2 Japan Market Forecast
  - 11.4.3 Korea Market Forecast
  - 11.4.4 Southeast Asia Market Forecast
  - 11.4.5 India Market Forecast
  - 11.4.6 Australia Market Forecast
- 11.5 Europe Forecast by Countries
  - 11.5.1 Germany Market Forecast
  - 11.5.2 France Market Forecast
  - 11.5.3 UK Market Forecast
  - 11.5.4 Italy Market Forecast
  - 11.5.5 Russia Market Forecast
  - 11.5.6 Spain Market Forecast
- 11.6 Middle East & Africa Forecast by Countries
  - 11.6.1 Egypt Market Forecast
  - 11.6.2 South Africa Market Forecast
  - 11.6.3 Israel Market Forecast
  - 11.6.4 Turkey Market Forecast
  - 11.6.5 GCC Countries Market Forecast
- 11.7 Global Lead Acid Battery for ESS Forecast by Type
- 11.8 Global Lead Acid Battery for ESS Forecast by Application

## **12 KEY PLAYERS ANALYSIS**

- 12.1 Axion Power
  - 12.1.1 Company Details
  - 12.1.2 Lead Acid Battery for ESS Product Offered
  - 12.1.3 Axion Power Lead Acid Battery for ESS Sales, Revenue, Price and Gross Margin (2016-2018)
  - 12.1.4 Main Business Overview
  - 12.1.5 Axion Power News
- 12.2 C&D Technologies
  - 12.2.1 Company Details
  - 12.2.2 Lead Acid Battery for ESS Product Offered
  - 12.2.3 C&D Technologies Lead Acid Battery for ESS Sales, Revenue, Price and Gross

## Margin (2016-2018)

12.2.4 Main Business Overview

12.2.5 C&D Technologies News

## 12.3 EaglePicher Technologies

12.3.1 Company Details

12.3.2 Lead Acid Battery for ESS Product Offered

12.3.3 EaglePicher Technologies Lead Acid Battery for ESS Sales, Revenue, Price and Gross Margin (2016-2018)

12.3.4 Main Business Overview

12.3.5 EaglePicher Technologies News

## 12.4 EnerSys

12.4.1 Company Details

12.4.2 Lead Acid Battery for ESS Product Offered

12.4.3 EnerSys Lead Acid Battery for ESS Sales, Revenue, Price and Gross Margin (2016-2018)

12.4.4 Main Business Overview

12.4.5 EnerSys News

## 12.5 Exide Technologies

12.5.1 Company Details

12.5.2 Lead Acid Battery for ESS Product Offered

12.5.3 Exide Technologies Lead Acid Battery for ESS Sales, Revenue, Price and Gross Margin (2016-2018)

12.5.4 Main Business Overview

12.5.5 Exide Technologies News

## 12.6 Ecoult

12.6.1 Company Details

12.6.2 Lead Acid Battery for ESS Product Offered

12.6.3 Ecoult Lead Acid Battery for ESS Sales, Revenue, Price and Gross Margin (2016-2018)

12.6.4 Main Business Overview

12.6.5 Ecoult News

## 12.7 Princeton Power Systems

12.7.1 Company Details

12.7.2 Lead Acid Battery for ESS Product Offered

12.7.3 Princeton Power Systems Lead Acid Battery for ESS Sales, Revenue, Price and Gross Margin (2016-2018)

12.7.4 Main Business Overview

12.7.5 Princeton Power Systems News

## 12.8 Redflow

- 12.8.1 Company Details
- 12.8.2 Lead Acid Battery for ESS Product Offered
- 12.8.3 Redflow Lead Acid Battery for ESS Sales, Revenue, Price and Gross Margin (2016-2018)
- 12.8.4 Main Business Overview
- 12.8.5 Redflow News
- 12.9 Surrette Battery Company
  - 12.9.1 Company Details
  - 12.9.2 Lead Acid Battery for ESS Product Offered
  - 12.9.3 Surrette Battery Company Lead Acid Battery for ESS Sales, Revenue, Price and Gross Margin (2016-2018)
  - 12.9.4 Main Business Overview
  - 12.9.5 Surrette Battery Company News

## **13 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Picture of Lead Acid Battery for ESS

Table Product Specifications of Lead Acid Battery for ESS

Figure Lead Acid Battery for ESS Report Years Considered

Figure Market Research Methodology

Figure Global Lead Acid Battery for ESS Consumption Growth Rate 2013-2023 (K Units)

Figure Global Lead Acid Battery for ESS Value Growth Rate 2013-2023 (\$ Millions)

Table Lead Acid Battery for ESS Consumption CAGR by Region 2013-2023 (\$ Millions)

Figure Product Picture of Utility-owned model

Table Major Players of Utility-owned model

Figure Product Picture of Custom-owned model

Table Major Players of Custom-owned model

Figure Product Picture of Third-party-owned model

Table Major Players of Third-party-owned model

Table Global Consumption Sales by Type (2013-2018)

Table Global Lead Acid Battery for ESS Consumption Market Share by Type (2013-2018)

Figure Global Lead Acid Battery for ESS Consumption Market Share by Type (2013-2018)

Table Global Lead Acid Battery for ESS Revenue by Type (2013-2018) (\$ million)

Table Global Lead Acid Battery for ESS Value Market Share by Type (2013-2018) (\$ Millions)

Figure Global Lead Acid Battery for ESS Value Market Share by Type (2013-2018)

Table Global Lead Acid Battery for ESS Sale Price by Type (2013-2018)

Figure Lead Acid Battery for ESS Consumed in Commercial

Figure Global Lead Acid Battery for ESS Market: Commercial (2013-2018) (K Units)

Figure Global Lead Acid Battery for ESS Market: Commercial (2013-2018) (\$ Millions)

Figure Global Commercial YoY Growth (\$ Millions)

Figure Lead Acid Battery for ESS Consumed in Household

Figure Global Lead Acid Battery for ESS Market: Household (2013-2018) (K Units)

Figure Global Lead Acid Battery for ESS Market: Household (2013-2018) (\$ Millions)

Figure Global Household YoY Growth (\$ Millions)

Figure Lead Acid Battery for ESS Consumed in Industrial

Figure Global Lead Acid Battery for ESS Market: Industrial (2013-2018) (K Units)

Figure Global Lead Acid Battery for ESS Market: Industrial (2013-2018) (\$ Millions)

Figure Global Industrial YoY Growth (\$ Millions)

Figure Lead Acid Battery for ESS Consumed in Military

Figure Global Lead Acid Battery for ESS Market: Military (2013-2018) (K Units)

Figure Global Lead Acid Battery for ESS Market: Military (2013-2018) (\$ Millions)

Figure Global Military YoY Growth (\$ Millions)

Table Global Consumption Sales by Application (2013-2018)

Table Global Lead Acid Battery for ESS Consumption Market Share by Application (2013-2018)

Figure Global Lead Acid Battery for ESS Consumption Market Share by Application (2013-2018)

Table Global Lead Acid Battery for ESS Value by Application (2013-2018)

Table Global Lead Acid Battery for ESS Value Market Share by Application (2013-2018)

Figure Global Lead Acid Battery for ESS Value Market Share by Application (2013-2018)

Table Global Lead Acid Battery for ESS Sale Price by Application (2013-2018)

Table Global Lead Acid Battery for ESS Sales by Players (2016-2018) (K Units)

Table Global Lead Acid Battery for ESS Sales Market Share by Players (2016-2018)

Figure Global Lead Acid Battery for ESS Sales Market Share by Players in 2016

Figure Global Lead Acid Battery for ESS Sales Market Share by Players in 2017

Table Global Lead Acid Battery for ESS Revenue by Players (2016-2018) (\$ Millions)

Table Global Lead Acid Battery for ESS Revenue Market Share by Players (2016-2018)

Figure Global Lead Acid Battery for ESS Revenue Market Share by Players in 2016

Figure Global Lead Acid Battery for ESS Revenue Market Share by Players in 2017

Table Global Lead Acid Battery for ESS Sale Price by Players (2016-2018)

Figure Global Lead Acid Battery for ESS Sale Price by Players in 2017

Table Global Lead Acid Battery for ESS Manufacturing Base Distribution and Sales Area by Players

Table Players Lead Acid Battery for ESS Products Offered

Table Lead Acid Battery for ESS Concentration Ratio (CR3, CR5 and CR10) (2016-2018)

Table Global Lead Acid Battery for ESS Consumption by Regions 2013-2018 (K Units)

Table Global Lead Acid Battery for ESS Consumption Market Share by Regions 2013-2018

Figure Global Lead Acid Battery for ESS Consumption Market Share by Regions 2013-2018

Table Global Lead Acid Battery for ESS Value by Regions 2013-2018 (\$ Millions)

Table Global Lead Acid Battery for ESS Value Market Share by Regions 2013-2018

Figure Global Lead Acid Battery for ESS Value Market Share by Regions 2013-2018

Figure Americas Lead Acid Battery for ESS Consumption 2013-2018 (K Units)

Figure Americas Lead Acid Battery for ESS Value 2013-2018 (\$ Millions)  
Figure APAC Lead Acid Battery for ESS Consumption 2013-2018 (K Units)  
Figure APAC Lead Acid Battery for ESS Value 2013-2018 (\$ Millions)  
Figure Europe Lead Acid Battery for ESS Consumption 2013-2018 (K Units)  
Figure Europe Lead Acid Battery for ESS Value 2013-2018 (\$ Millions)  
Figure Middle East & Africa Lead Acid Battery for ESS Consumption 2013-2018 (K Units)  
Figure Middle East & Africa Lead Acid Battery for ESS Value 2013-2018 (\$ Millions)  
Table Americas Lead Acid Battery for ESS Consumption by Countries (2013-2018) (K Units)  
Table Americas Lead Acid Battery for ESS Consumption Market Share by Countries (2013-2018)  
Figure Americas Lead Acid Battery for ESS Consumption Market Share by Countries in 2017  
Table Americas Lead Acid Battery for ESS Value by Countries (2013-2018) (\$ Millions)  
Table Americas Lead Acid Battery for ESS Value Market Share by Countries (2013-2018)  
Figure Americas Lead Acid Battery for ESS Value Market Share by Countries in 2017  
Table Americas Lead Acid Battery for ESS Consumption by Type (2013-2018) (K Units)  
Table Americas Lead Acid Battery for ESS Consumption Market Share by Type (2013-2018)  
Figure Americas Lead Acid Battery for ESS Consumption Market Share by Type in 2017  
Table Americas Lead Acid Battery for ESS Consumption by Application (2013-2018) (K Units)  
Table Americas Lead Acid Battery for ESS Consumption Market Share by Application (2013-2018)  
Figure Americas Lead Acid Battery for ESS Consumption Market Share by Application in 2017  
Figure United States Lead Acid Battery for ESS Consumption Growth 2013-2018 (K Units)  
Figure United States Lead Acid Battery for ESS Value Growth 2013-2018 (\$ Millions)  
Figure Canada Lead Acid Battery for ESS Consumption Growth 2013-2018 (K Units)  
Figure Canada Lead Acid Battery for ESS Value Growth 2013-2018 (\$ Millions)  
Figure Mexico Lead Acid Battery for ESS Consumption Growth 2013-2018 (K Units)  
Figure Mexico Lead Acid Battery for ESS Value Growth 2013-2018 (\$ Millions)  
Table APAC Lead Acid Battery for ESS Consumption by Countries (2013-2018) (K Units)  
Table APAC Lead Acid Battery for ESS Consumption Market Share by Countries

(2013-2018)

Figure APAC Lead Acid Battery for ESS Consumption Market Share by Countries in 2017

Table APAC Lead Acid Battery for ESS Value by Countries (2013-2018) (\$ Millions)

Table APAC Lead Acid Battery for ESS Value Market Share by Countries (2013-2018)

Figure APAC Lead Acid Battery for ESS Value Market Share by Countries in 2017

Table APAC Lead Acid Battery for ESS Consumption by Type (2013-2018) (K Units)

Table APAC Lead Acid Battery for ESS Consumption Market Share by Type

(2013-2018)

Figure APAC Lead Acid Battery for ESS Consumption Market Share by Type in 2017

Table APAC Lead Acid Battery for ESS Consumption by Application (2013-2018) (K Units)

Table APAC Lead Acid Battery for ESS Consumption Market Share by Application (2013-2018)

Figure APAC Lead Acid Battery for ESS Consumption Market Share by Application in 2017

Figure China Lead Acid Battery for ESS Consumption Growth 2013-2018 (K Units)

Figure China Lead Acid Battery for ESS Value Growth 2013-2018 (\$ Millions)

Figure Japan Lead Acid Battery for ESS Consumption Growth 2013-2018 (K Units)

Figure Japan Lead Acid Battery for ESS Value Growth 2013-2018 (\$ Millions)

Figure Korea Lead Acid Battery for ESS Consumption Growth 2013-2018 (K Units)

Figure Korea Lead Acid Battery for ESS Value Growth 2013-2018 (\$ Millions)

Figure Southeast Asia Lead Acid Battery for ESS Consumption Growth 2013-2018 (K Units)

Figure Southeast Asia Lead Acid Battery for ESS Value Growth 2013-2018 (\$ Millions)

Figure India Lead Acid Battery for ESS Consumption Growth 2013-2018 (K Units)

Figure India Lead Acid Battery for ESS Value Growth 2013-2018 (\$ Millions)

Figure Australia Lead Acid Battery for ESS Consumption Growth 2013-2018 (K Units)

Figure Australia Lead Acid Battery for ESS Value Growth 2013-2018 (\$ Millions)

Table Europe Lead Acid Battery for ESS Consumption by Countries (2013-2018) (K Units)

Table Europe Lead Acid Battery for ESS Consumption Market Share by Countries (2013-2018)

Figure Europe Lead Acid Battery for ESS Consumption Market Share by Countries in 2017

Table Europe Lead Acid Battery for ESS Value by Countries (2013-2018) (\$ Millions)

Table Europe Lead Acid Battery for ESS Value Market Share by Countries (2013-2018)

Figure Europe Lead Acid Battery for ESS Value Market Share by Countries in 2017

Table Europe Lead Acid Battery for ESS Consumption by Type (2013-2018) (K Units)



Table Europe Lead Acid Battery for ESS Consumption Market Share by Type (2013-2018)

Figure Europe Lead Acid Battery for ESS Consumption Market Share by Type in 2017

Table Europe Lead Acid Battery for ESS Consumption by Application (2013-2018) (K Units)

Table Europe Lead Acid Battery for ESS Consumption Market Share by Application (2013-2018)

Figure Europe Lead Acid Battery for ESS Consumption Market Share by Application in 2017

Figure Germany Lead Acid Battery for ESS Consumption Growth 2013-2018 (K Units)

Figure Germany Lead Acid Battery for ESS Value Growth 2013-2018 (\$ Millions)

Figure France Lead Acid Battery for ESS Consumption Growth 2013-2018 (K Units)

Figure France Lead Acid Battery for ESS Value Growth 2013-2018 (\$ Millions)

Figure UK Lead Acid Battery for ESS Consumption Growth 2013-2018 (K Units)

Figure UK Lead Acid Battery for ESS Value Growth 2013-2018 (\$ Millions)

Figure Italy Lead Acid Battery for ESS Consumption Growth 2013-2018 (K Units)

Figure Italy Lead Acid Battery for ESS Value Growth 2013-2018 (\$ Millions)

Figure Russia Lead Acid Battery for ESS Consumption Growth 2013-2018 (K Units)

Figure Russia Lead Acid Battery for ESS Value Growth 2013-2018 (\$ Millions)

Figure Spain Lead Acid Battery for ESS Consumption Growth 2013-2018 (K Units)

Figure Spain Lead Acid Battery for ESS Value Growth 2013-2018 (\$ Millions)

Table Middle East & Africa Lead Acid Battery for ESS Consumption by Countries (2013-2018) (K Units)

Table Middle East & Africa Lead Acid Battery for ESS Consumption Market Share by Countries (2013-2018)

Figure Middle East & Africa Lead Acid Battery for ESS Consumption Market Share by Countries in 2017

Table Middle East & Africa Lead Acid Battery for ESS Value by Countries (2013-2018) (\$ Millions)

Table Middle East & Africa Lead Acid Battery for ESS Value Market Share by Countries (2013-2018)

Figure Middle East & Africa Lead Acid Battery for ESS Value Market Share by Countries in 2017

Table Middle East & Africa Lead Acid Battery for ESS Consumption by Type (2013-2018) (K Units)

Table Middle East & Africa Lead Acid Battery for ESS Consumption Market Share by Type (2013-2018)

Figure Middle East & Africa Lead Acid Battery for ESS Consumption Market Share by Type in 2017

Table Middle East & Africa Lead Acid Battery for ESS Consumption by Application (2013-2018) (K Units)

Table Middle East & Africa Lead Acid Battery for ESS Consumption Market Share by Application (2013-2018)

Figure Middle East & Africa Lead Acid Battery for ESS Consumption Market Share by Application in 2017

Figure Egypt Lead Acid Battery for ESS Consumption Growth 2013-2018 (K Units)

Figure Egypt Lead Acid Battery for ESS Value Growth 2013-2018 (\$ Millions)

Figure South Africa Lead Acid Battery for ESS Consumption Growth 2013-2018 (K Units)

Figure South Africa Lead Acid Battery for ESS Value Growth 2013-2018 (\$ Millions)

Figure Israel Lead Acid Battery for ESS Consumption Growth 2013-2018 (K Units)

Figure Israel Lead Acid Battery for ESS Value Growth 2013-2018 (\$ Millions)

Figure Turkey Lead Acid Battery for ESS Consumption Growth 2013-2018 (K Units)

Figure Turkey Lead Acid Battery for ESS Value Growth 2013-2018 (\$ Millions)

Figure GCC Countries Lead Acid Battery for ESS Consumption Growth 2013-2018 (K Units)

Figure GCC Countries Lead Acid Battery for ESS Value Growth 2013-2018 (\$ Millions)

Table Lead Acid Battery for ESS Distributors List

Table Lead Acid Battery for ESS Customer List

Figure Global Lead Acid Battery for ESS Consumption Growth Rate Forecast (2018-2023) (K Units)

Figure Global Lead Acid Battery for ESS Value Growth Rate Forecast (2018-2023) (\$ Millions)

Table Global Lead Acid Battery for ESS Consumption Forecast by Countries (2018-2023) (K Units)

Table Global Lead Acid Battery for ESS Consumption Market Forecast by Regions

Table Global Lead Acid Battery for ESS Value Forecast by Countries (2018-2023) (\$ Millions)

Table Global Lead Acid Battery for ESS Value Market Share Forecast by Regions

Figure Americas Lead Acid Battery for ESS Consumption 2018-2023 (K Units)

Figure Americas Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)

Figure APAC Lead Acid Battery for ESS Consumption 2018-2023 (K Units)

Figure APAC Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)

Figure Europe Lead Acid Battery for ESS Consumption 2018-2023 (K Units)

Figure Europe Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)

Figure Middle East & Africa Lead Acid Battery for ESS Consumption 2018-2023 (K Units)

Figure Middle East & Africa Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)

Figure United States Lead Acid Battery for ESS Consumption 2018-2023 (K Units)  
Figure United States Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)  
Figure Canada Lead Acid Battery for ESS Consumption 2018-2023 (K Units)  
Figure Canada Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)  
Figure Mexico Lead Acid Battery for ESS Consumption 2018-2023 (K Units)  
Figure Mexico Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)  
Figure Brazil Lead Acid Battery for ESS Consumption 2018-2023 (K Units)  
Figure Brazil Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)  
Figure China Lead Acid Battery for ESS Consumption 2018-2023 (K Units)  
Figure China Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)  
Figure Japan Lead Acid Battery for ESS Consumption 2018-2023 (K Units)  
Figure Japan Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)  
Figure Korea Lead Acid Battery for ESS Consumption 2018-2023 (K Units)  
Figure Korea Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)  
Figure Southeast Asia Lead Acid Battery for ESS Consumption 2018-2023 (K Units)  
Figure Southeast Asia Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)  
Figure India Lead Acid Battery for ESS Consumption 2018-2023 (K Units)  
Figure India Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)  
Figure Australia Lead Acid Battery for ESS Consumption 2018-2023 (K Units)  
Figure Australia Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)  
Figure Germany Lead Acid Battery for ESS Consumption 2018-2023 (K Units)  
Figure Germany Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)  
Figure France Lead Acid Battery for ESS Consumption 2018-2023 (K Units)  
Figure France Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)  
Figure UK Lead Acid Battery for ESS Consumption 2018-2023 (K Units)  
Figure UK Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)  
Figure Italy Lead Acid Battery for ESS Consumption 2018-2023 (K Units)  
Figure Italy Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)  
Figure Russia Lead Acid Battery for ESS Consumption 2018-2023 (K Units)  
Figure Russia Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)  
Figure Spain Lead Acid Battery for ESS Consumption 2018-2023 (K Units)  
Figure Spain Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)  
Figure Egypt Lead Acid Battery for ESS Consumption 2018-2023 (K Units)  
Figure Egypt Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)  
Figure South Africa Lead Acid Battery for ESS Consumption 2018-2023 (K Units)  
Figure South Africa Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)  
Figure Israel Lead Acid Battery for ESS Consumption 2018-2023 (K Units)  
Figure Israel Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)  
Figure Turkey Lead Acid Battery for ESS Consumption 2018-2023 (K Units)

Figure Turkey Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)

Figure GCC Countries Lead Acid Battery for ESS Consumption 2018-2023 (K Units)

Figure GCC Countries Lead Acid Battery for ESS Value 2018-2023 (\$ Millions)

Table Global Lead Acid Battery for ESS Consumption Forecast by Type (2018-2023) (K Units)

Table Global Lead Acid Battery for ESS Consumption Market Share Forecast by Type (2018-2023)

Table Global Lead Acid Battery for ESS Value Forecast by Type (2018-2023) (\$ Millions)

Table Global Lead Acid Battery for ESS Value Market Share Forecast by Type (2018-2023)

Table Global Lead Acid Battery for ESS Consumption Forecast by Application (2018-2023) (K Units)

Table Global Lead Acid Battery for ESS Consumption Market Share Forecast by Application (2018-2023)

Table Global Lead Acid Battery for ESS Value Forecast by Application (2018-2023) (\$ Millions)

Table Global Lead Acid Battery for ESS Value Market Share Forecast by Application (2018-2023)

Table Axion Power Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Axion Power Lead Acid Battery for ESS Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Axion Power Lead Acid Battery for ESS Market Share (2016-2018)

Table C&D Technologies Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table C&D Technologies Lead Acid Battery for ESS Sales, Revenue, Price and Gross Margin (2016-2018)

Figure C&D Technologies Lead Acid Battery for ESS Market Share (2016-2018)

Table EaglePicher Technologies Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table EaglePicher Technologies Lead Acid Battery for ESS Sales, Revenue, Price and Gross Margin (2016-2018)

Figure EaglePicher Technologies Lead Acid Battery for ESS Market Share (2016-2018)

Table EnerSys Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table EnerSys Lead Acid Battery for ESS Sales, Revenue, Price and Gross Margin (2016-2018)

Figure EnerSys Lead Acid Battery for ESS Market Share (2016-2018)

Table Exide Technologies Basic Information, Manufacturing Base, Sales Area and Its

## Competitors

Table Exide Technologies Lead Acid Battery for ESS Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Exide Technologies Lead Acid Battery for ESS Market Share (2016-2018)

Table Ecoult Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Ecoult Lead Acid Battery for ESS Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Ecoult Lead Acid Battery for ESS Market Share (2016-2018)

Table Princeton Power Systems Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Princeton Power Systems Lead Acid Battery for ESS Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Princeton Power Systems Lead Acid Battery for ESS Market Share (2016-2018)

Table Redflow Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Redflow Lead Acid Battery for ESS Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Redflow Lead Acid Battery for ESS Market Share (2016-2018)

Table Surrette Battery Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Surrette Battery Company Lead Acid Battery for ESS Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Surrette Battery Company Lead Acid Battery for ESS Market Share (2016-2018)

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