

Lead Acid Battery Market – Global Industry Size, Share, Trends, Opportunity, and Forecast. 2018-2028 Segmented By Product (Stationary, Motive, and Start Light & Ignition Batteries (SLI)), By Construction Method (Flooded and Valve Regulated Lead Acid (VRLA) Batteries), By Sales Channel (Original Equipment Market (OEM) & Aftermarket), By Applications (Transportation, Industrial, Residential, and Commercial), By Region

<https://marketpublishers.com/r/LB8997294252EN.html>

Date: September 2023

Pages: 180

Price: US\$ 4,900.00 (Single User License)

ID: LB8997294252EN

Abstracts

Global Lead Acid Battery Market is expected to grow at a robust pace in the forecast period 2024-2028.

The development of the transportation industry with increasing applications of energy storage is expected to boost the demand of the industry in the near future. Rapid growth in the commercial vehicle, motorcycle, and passenger vehicle industries is also expected to boost product demand. Rising demand for UPS in various sectors such as banking, oil and gas, healthcare, and chemicals is driving demand. The demand for lead acid batteries in the transportation industry is growing at a rapid pace, as emerging economies support clean energy and environment friendly transport modes. Many automotive battery OEMs are getting subsidies to enforce production capacity. The reliability and low cost of lead-acid batteries make them suitable for many consumer and industrial applications. The treatment and recycling of lead-acid batteries is a large percentage compared to lithium-ion. Increased use of electrical devices such as mobile phones, power banks, electronics, advanced ship propulsion technology, and increased consumption of elevators around the world have increased the demand for energy

storage systems powered by lead-acid batteries.

Rising demand propelling the Global Lead Acid Battery Market growth during the forecast period

Lead-acid battery systems are used in UPS. These lead-acid batteries meet the backup power needs of various industries. This is very important for data centers in the event of power outages or inconsistencies. Equinix, a data center company headquartered in the United States, has announced his 15th International Business Exchange (IBX) data center in Tokyo, Japan. The company made an initial investment of USD115 million in the new data center. Rise in data center installations is expected to drive the advanced lead-acid battery market in the future.

Rising economic structures in countries have increased the demand for automobiles, which in turn boost production levels and increased demand for batteries, including lead-acid batteries. In addition, on-demand mobility, the introduction of ultra-batteries into the energy storage segment, and the development of advanced energy storage modules for the automotive industry are key factors driving vehicle production and lead-acid battery consumption.

Lead-acid batteries are widely used in automotive applications such as forklifts, golf carts, and industrial cleaners. High usage of lead-acid batteries in forklifts is likely to drive the market due to low cost, reliability and established supply chain. Lead-acid batteries are widely used in automobiles as they provide high power to start the engine. The excellent safety, quality and recycling process of these batteries are expected to further expand the market during the forecast period.

Latest Market Trends fueling the Global Lead Acid Battery Market growth during the forecast period

In 2022, USA's BAE Systems lead-acid stationary energy storage system will be certified to ANSI/CAN/UL 1973 3rd Edition. UL Solutions, a US testing, inspection and certification company in 2022, Amara Raja Batteries Ltd (ARBL) has announced plans to expand its lead-acid business outside India with various options for geographic expansion. As part of the expansion, the company is primarily focused on expanding its lead-acid business in Africa, the Middle East, and Southeast Asia.

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expansion, the company is primarily focused on expanding its lead-acid business in Africa, the Middle East, and Southeast Asia.

Market Segmentation

The Global Lead Acid Battery Market is segmented based on product, construction method, sales channel, and applications. Based on Product, the market is bifurcated into Stationary, Motive, and Start Light & Ignition Batteries (SLI). Based on Construction Method, the market is bifurcated into Flooded and Valve Regulated Led Acid (VRLA) Batteries. Based on Sales Channel, the market is further bifurcated into Original Equipment Market (OEM) and Aftermarket. Based on Applications, the market is bifurcated into Transportation, Industrial, Residential, and Commercial.

Market players

The main market players in the Global Lead Acid Battery Market are Exide Industries Ltd., Panasonic Corporation, Leoch International Technology Limited, EnerSys Ltd, East Penn Manufacturing Co., GS Yuasa Corporation, C&D Technologies, Inc., Johnson Controls International PLC, Hitachi Chemical Company, Ltd., HBL Power Systems Ltd.

Report Scope:

In this report, Global Lead Acid Battery Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Lead Acid Battery Market, By Product:

Stationary

Motive

Start Light & Ignition Batteries (SLI)

Lead Acid Battery Market, By Construction Method:

Flooded Batteries

Valve Regulated Led Acid (VRLA) Batteries

Lead Acid Battery Market, By Sales Channel:

Original Equipment Market (OEM)

Aftermarket

Lead Acid Battery Market, By Sales Channel:

Transportation

Industrial

Residential

Commercial

Lead Acid Battery Market, By Region:

North America

United States

Canada

Mexico

Asia-Pacific

India

Japan

South Korea

Australia

China

Europe

Germany

United Kingdom

France

Italy

Spain

South America

Brazil

Argentina

Colombia

Middle East

Saudi Arabia

South Africa

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Lead Acid Battery Market.

Available Customizations:

Global Lead Acid Battery Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to ten).

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