

Global Advanced Lead Acid Battery Market Size study & Forecast, by Type (Stationary, Motive) by Construction Method (Flooded, VRLA (Valve Regulated Lead Acid battery)), by End User (Utility, Transportation, Industrial, Commercial & Residential) and Regional Analysis, 2022-2029

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Abstracts

Global Advanced Lead Acid Battery Market is valued at approximately USD 21.35 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 6.3% over the forecast period 2022-2029. Advanced lead-acid batteries are well-established and developed rechargeable storage technology that is highly adapted for energy storage systems owing to their performance, safety, and excellent recycling capabilities. The rising technological advancements and growth of the telecom sector, easily recyclable compared to a lithium-ion battery, and increasing strategic initiatives by the key market players are bolstering the market demand across the globe.

According to the India Brand Equity Foundation (IBEF), in 2019, the gross revenue of the telecom sector stood at USD 33.97 billion, which continuously increases and reach USD 37.36 billion in the year 2021. Therefore, the development of the telecom sector is propelling the demand for advanced lead-acid batteries, which is accelerating market growth. Moreover, the rise in renewable energy generation targets and the development of data centre infrastructure is leveraging the forthcoming market in the forthcoming years. However, low-cost alternatives in energy storage space and increasing adoption of electric vehicles stifle market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Advanced Lead Acid Battery Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World.

The Asia Pacific dominated the market in terms of revenue, owing to the rising government support and increasing deployment of battery energy storage systems in residential and public utility applications. Whereas North America is expected to grow with the highest CAGR during the forecast period. Factors such as an increase in automotive production, as well as the presence of leading market players, are burgeoning the market growth in the forecasting years.

Major market players included in this report are:

Energysys

Exide Industries Ltd.

GS Yuasa International Ltd.

Clarios

Leoch International Technology Limited.

Crown Battery

Narada Power

Amara Raja Batteries Ltd.

Fiamm Energy Technology S.p.A.

Tianneng Battery Group

Recent Developments in the Market:

In January 2021, Kolkata Discom CESC and Exide entered into a partnership agreement for the advancement of a grid-connected 315 kWh battery energy storage system (BESS) at low tension (LT) distribution system. This development allows for improved peak load control.

In July 2020, EnerSys announced the company's collaboration with Blink Charging Co., enabling the progress of high-power wireless and improved DC fast charging (DCFC) systems with combined battery storage for the transportation market.

In June 2019, EnerSys publicized that the company invested more than USD 100 million in new capital over the next three years. The company aim to scale up its Thin Plate Pure Lead (TPPL) capacity, with an expected 15% rise. These two initiatives upgraded TPPL capacity with over USD 500 million per year when combined.

Global Advanced Lead Acid Battery Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Type, Construction Method, End User, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working

hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the a detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Stationary

Motive

By Construction Method:

Flooded

VRLA (Valve Regulated Lead Acid battery)

By End User:

Utility

Transportation

Industrial

Commercial & Residential

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

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