

# Industrial Batteries Market Sets New Record, Projected at USD 30.84 Billion By 2030 at 13.2% CAGR: AMR

Industrial Batteries Market Deep Research Study with Forecast to 2030

PORTLAND, OREGON, UNITED STATES, November 21, 2023 / EINPresswire.com/ -- Allied Market Research published a report on the <u>Industrial Batteries Market</u> by Type (Lithium-Ion Battery (Lithium Cobalt Oxide, Lithium Magnesium Oxide, Lithium Titanite, and Others), Nickelbased, and Lead-based) and Application (Telecom & Data Communication, Uninterruptible Power



Supply (UPS), Energy, Equipment, Grid Storage, and Others (Railways, Utility, and Security)): Global Opportunity Analysis and Industry Forecast, 2021-2030

The global industrial batteries market size was valued at \$9.02 billion in 2020, and industrial



Govt regulations promote lithium-ion batteries for ecofriendly energy storage, fueling market growth, driven by demand from data centers."

Allied Market Research

batteries market forecast to reach \$30.84 billion by 2030, growing at a CAGR of 13.2% from 2021 to 2030.

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Battery technologies are an essential catalyst to unlock growth and new advances in sectors such as electric vehicles (EVs), electronic devices, and battery energy

storage (BES) for renewable energy. Increase in reliance on battery storage is significantly driving the demand for industrial batteries across the globe. Industrial batteries are majorly applicable across telecom & data communication, and energy sectors. Ongoing advancements in the industrial batteries due to innovative efforts have further enhanced the efficiency of these

batteries, creating abundant growth opportunities in the global industrial batteries market share.

Rise in need for eco-friendly energy storage solutions acts as key factor propelling the demand for industrial batteries. Strict government mandates toward the use of green energy in Asia-Pacific, majorly in China and Japan are contributing toward the growth of industrial battery industry. In addition, the Go Green revolution is primarily driving the growth of the industrial batteries market globally.

However, high prices of lithium-ion battery compared to conventional battery systems is expected to hamper the sales of industrial battery during the forecast period. On the contrary, owing to low cost of nickel-based battery than lithium-ion battery, it is increasing as a fast pace in several end-use applications. Moreover, prime advantage of nickel-based battery is flat discharge characteristic—a flat discharge curve simplifies the design of the application in which the battery is used since the supply voltage stays reasonably constant throughout the discharge cycle—but falls off rapidly at the end of the cycle, which is likely to create potential growth opportunities for industrial battery market during the forecast period.

The global industrial batteries market is segmented into type, application, and region. Depending on type, the market is categorized into lithium-ion battery (lithium cobalt oxide, lithium magnesium oxide, lithium titanite, and others), nickel-based, and lead-based. The lithium-ion battery segment accounted for the largest share in 2020, owing to requirement for high loading capacity, less emission, and enhanced power efficiency. Applications of industrial batteries include telecom & data communication, uninterruptible power supply (UPS), energy, equipment, grid storage, and others (railways, utility, and security). The telecom & data communication segment held the largest revenue share in 2020, and is depicted to grow at a CAGR of 11.7% due to increase in construction of data centers and expansion of the telecom industry across the globe.

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The <u>Industrial Batteries industry's</u> key market players adopt various strategies such as product launch, product development, collaboration, partnership, and agreements to influence the market. It includes details about the key players in the market's strengths, product portfolio, market size and share analysis, operational results, and market positioning.

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- Johnson Controls, Inc.
- Exide Technologies, Inc.
- · Enersys, Inc.
- Saft Groupe S.A.
- GS Yuasa Corp.
- Northstar Battery Company LLC
- C&D Technologies, Inc.
- Robert Bosch GmbH
- East Penn Manufacturing Co.
- · LG Chem.

Region wise, the market is studied across North America, Europe, Asia-Pacific, and LAMEA. Asia-Pacific dominated the market in 2020, owing to presence of abundant industrial battery material reserves in China, India, Australia, and other Asia-Pacific countries.

These players are spending significantly over research and development to attain key developments in the industrial batteries market. For instance, the acquisition of the Alpha Technologies Group of firms by EnerSys was finalized in 2018. EnerSys' competitive position is likely to be boosted by the acquisition of the Alpha Group, which will allow it to provide a broader product range in the broadband, telecom, renewable energy, and industrial markets.

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- The Asia-Pacific industrial batteries market is projected to grow at the highest CAGR of nearly 15.1%, in terms of revenue, during the forecast period supporting industrial batteries market trends
- As per industrial batteries market analysis, depending on type, the lithium-ion battery accounted for the largest market share in 2020.
- On the basis of application, the telecom & data communication dominated the market, in terms of share, in 2020.

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