

# Industrial Batteries Market Growth Driven by Green Energy & Telecom Expansion

*Industrial Batteries Market to Surge to \$30.84 Billion by 2030 at 13.2% CAGR*

WILMINGTON, DE, UNITED STATES,  
September 8, 2025 /EINPresswire.com/  
--

According to a recent report published by Allied Market Research, titled "[Industrial Batteries Market](#) by Type and Application: Global Opportunity Analysis and Industry Forecast, 2020–2030," the global industrial

batteries market size was valued at \$9.02 billion in 2020 and is projected to reach \$30.84 billion by 2030, growing at a healthy CAGR of 13.2% from 2021 to 2030.



Industrial batteries play a pivotal role as energy storage solutions, especially with growing demand in sectors such as electric vehicles (EVs), battery energy storage (BES) for renewable energy, and electronic devices. Their key applications span across telecom & data communication and energy sectors, supporting critical operations in data centers, grid storage, and uninterruptible power supply (UPS) systems.

“

Global industrial batteries market to reach \$30.84B by 2030, driven by telecom expansion, green energy focus, and lithium-ion battery adoption.”

*Allied Market Research*

Download PDF Brochure:

<https://www.alliedmarketresearch.com/request-sample/12202>

## □ Key Market Drivers □

The growing focus on eco-friendly energy storage solutions drives the global industrial batteries market forward. Stringent government regulations in countries like China and Japan are pushing industries toward adopting green energy alternatives, in alignment with the Go Green revolution.

Moreover, continuous innovation in industrial battery technologies boosts efficiency, providing opportunities for market growth. However, the high price of [lithium-ion batteries](#) compared to conventional battery types may limit adoption, particularly for cost-sensitive industries.

An interesting trend gaining traction is the growing use of nickel-based batteries in industrial applications. Compared to lithium-ion batteries, nickel-based batteries offer a flat discharge characteristic—a consistent power supply until near depletion. This feature simplifies system designs and contributes to the market's growing demand.

## □ Market Segmentation & Trends by Type, Application, and Region □□□

### By Type of Industrial Battery

The industrial batteries market includes lithium-ion, nickel-based, and lead-based batteries.

In 2020, the lithium-ion battery segment dominated the market, driven by its high load capacity, low emissions, and superior energy efficiency.

Nickel-based batteries are expected to grow rapidly due to their competitive pricing and consistent discharge performance.

### By Application

The telecom & data communication segment held the largest revenue share in 2020 and is forecasted to grow at a CAGR of 11.7%. The demand for reliable power solutions in data centers and expanding telecom infrastructure globally boosts the need for industrial batteries in this sector. Other significant applications include [energy storage systems](#), UPS, equipment power, grid storage, and specialized uses in railways and security.

Buy This Report (326 Pages PDF with Insights, Charts, Tables, and Figures):

<https://www.alliedmarketresearch.com/checkout-final/cc427fd2cca967320fbe7ccd078c42d6>

### By Region □□

The Asia-Pacific region led the industrial batteries market in 2020, thanks to abundant material reserves in China, India, and Australia, and rapid industrial development. Asia-Pacific is projected to grow at the highest CAGR of 15.1% from 2021 to 2030, driven by rising renewable energy adoption and infrastructure expansion.

North America and Europe also exhibit steady growth due to ongoing industrial automation, energy efficiency initiatives, and grid modernization programs.

## □ Leading Players in the Industrial Batteries Market

Key industry players profiled in the report include:

Johnson Controls, Inc.

Exide Technologies, Inc.

Energysys, 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

These companies are heavily investing in research and development (R&D) to innovate and expand their industrial batteries portfolio. For example, EnerSys' acquisition of Alpha Technologies Group in 2018 strengthened its presence across broadband, telecom, renewable energy, and industrial markets.

## □□ Impact of COVID-19 on the Industrial Batteries Market □□

The COVID-19 pandemic disrupted global industrial sectors due to labor shortages, supply chain disruptions, and declining consumption trends. Industrial batteries production slowed as many ongoing projects in manufacturing, oil & gas, and telecom sectors were delayed or canceled.

Additionally, restricted transportation and falling global income reduced the immediate demand for industrial batteries. However, as global economies recover and industries resume operations, market demand is rebounding steadily.

Get a Customized Research Report: <https://www.alliedmarketresearch.com/request-for-customization/12202>

## □ Future Outlook: Bright Prospects for Industrial Batteries □□

The industrial batteries market forecast suggests tremendous growth driven by ongoing investments in green energy and industrial automation. The lithium-ion battery segment is expected to maintain dominance due to its superior performance characteristics, while the telecom & data communication application will continue leading market share, supported by increasing data infrastructure investments worldwide.

Asia-Pacific remains the fastest-growing region, with significant demand from China, India, and Australia. As technology advances and more efficient, cost-effective solutions emerge, industrial batteries will play a vital role in enabling the energy transition globally.

Trending Reports in Energy and Power Industry:

Rechargeable Batteries Market

<https://www.alliedmarketresearch.com/rechargeable-batteries-market-A09294>

Industrial Batteries Market

<https://www.alliedmarketresearch.com/industrial-batteries-market-A11837>

Sodium Ion Battery Market

<https://www.alliedmarketresearch.com/sodium-ion-battery-market-A10597>

Lithium-ion Battery Market

<https://www.alliedmarketresearch.com/lithium-ion-battery-market>

Battery Swapping Market

<https://www.alliedmarketresearch.com/battery-swapping-market-A109671>

Battery Technology Market

<https://www.alliedmarketresearch.com/battery-technology-market>

Lead-Acid Battery Market

<https://www.alliedmarketresearch.com/lead-acid-battery-market-A05962>

Redox Flow Battery Market

<https://www.alliedmarketresearch.com/redox-flow-battery-market>

Vanadium Redox Flow Battery (VRB) Market

<https://www.alliedmarketresearch.com/vanadium-redox-flow-battery-vrb-market-A193313>

U.S. Forklift Battery Market

<https://www.alliedmarketresearch.com/us-forklift-battery-market-A07523>

Cylindrical Li-ion Battery Market

<https://www.alliedmarketresearch.com/cylindrical-li-ion-battery-market-A155333>

U.S. Solar Battery Market

<https://www.alliedmarketresearch.com/us-solar-battery-market-A13108>

Lithium-Ion Battery Recycling Market

<https://www.alliedmarketresearch.com/lithium-ion-battery-recycling-market-A11683>

Battery Recycling Market

<https://www.alliedmarketresearch.com/battery-recycling-market>

About Us

Allied Market Research (AMR) is a full-service market research and business-consulting wing of Allied Analytics LLP based in Portland, Oregon. Allied Market Research provides global enterprises as well as medium and small businesses with unmatched quality of "Market Research Reports" and "Business Intelligence Solutions." AMR has a targeted view to provide business insights and consulting to assist its clients to make strategic business decisions and achieve sustainable growth in their respective market domain.

Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

David Correa  
Allied Market Research  
+ +1 800-792-5285

[email us here](#)

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[YouTube](#)

[X](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/847070548>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.