

# Market demand for battery equipment

What is the global battery manufacturing equipment market worth in 2022?

The global market for battery manufacturing equipment is poised for extraordinary expansion, with a value of US\$7.6 billion in 2022 anticipated to skyrocket to approximately US\$35 billion by the year 2030. This remarkable growth is expected to be driven by a robust CAGR of 23% during the period spanning from 2023 to 2030. 1.

Which market trends will drive the battery manufacturing equipment market growth?

Another major market trend expected to drive the battery manufacturing equipment market growth is the rapidly expanding green manufacturing. Greener and more sustainable battery production techniques are becoming increasingly prevalent as a result of environmental concerns.

What is the global battery market size?

The global battery market size was estimated at USD 134,622.4 million in 2024 and is projected to grow at a CAGR of 16.4% from 2025 to 2030. The increasing adoption of electric vehicles (EVs) is a significant factor driving the growth of the market.

How will the battery manufacturing equipment market grow in 2023?

This remarkable growth is expected to be driven by a robust CAGR of 23% during the period spanning from 2023 to 2030. 1. Surging Demand for Energy Storage Systems: The primary trend expected to fuel the growth of the battery manufacturing equipment market is the increasing demand for energy storage systems (ESS).

Why is global demand for batteries increasing?

This work is independent, reflects the views of the authors, and has not been commissioned by any business, government, or other institution. Global demand for batteries is increasing, driven largely by the imperative to reduce climate change through electrification of mobility and the broader energy transition.

Do battery demand forecasts underestimate the market size?

Just as analysts tend to underestimate the amount of energy generated from renewable sources, battery demand forecasts typically underestimate the market size and are regularly corrected upwards.

The role of emerging markets and developing economies (EMDEs) other than People's Republic of China (hereafter, "China") is expected to grow, reaching 10% of global ...

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Global market outlook for 2030. Global demand for Li-ion batteries is expected to soar over the next decade,

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with the number of GWh required increasing from about 700 GWh in 2022 to around 4.7 TWh by 2030 (Exhibit 1).

In China, battery demand for vehicles grew over 70%, while electric car sales increased by 80% in 2022 relative to 2021, with growth in battery demand slightly tempered by an increasing share of PHEVs. Battery demand for vehicles in the United States grew by around 80%, despite electric car sales only increasing by around 55% in 2022.

The Global Battery Manufacturing Equipment Market is segmented by Machine Type (Coating and Dryer, Calendaring, Slitting, Mixing, Electrode Stacking, Assembly and Handling Machine, Formation and Testing Machine), by End-User (Automotive, Industrial, and Other End Users) and by Geography (North America, Asia-Pacific, Europe, South America ...

**Battery Manufacturing Equipment Market on a Remarkable Growth Trajectory: Set to Reach US\$35 Bn by 2030** The global market for battery manufacturing equipment is poised for extraordinary expansion, with a value of US\$7.6 billion in 2022 anticipated to skyrocket to approximately US\$35 billion by the year 2030.

The battery manufacturing equipment market size has grown exponentially in recent years. It will grow from \$11.74 billion in 2023 to \$15.13 billion in 2024 at a compound annual growth rate ...

Li-ion battery equipment market to exceed \$25bn by 2025, as growth dips below 10%; Global demand for Li-ion batteries to expand at 27.4% CAGR from 2022 to 2028 to reach nearly 4 TWh, as government policies boost production capacity ; London, 19 th October 2023 - A sharp decline in the rate of growth is predicted for the global battery equipment market, falling to below 10% ...

The global battery test equipment market size is projected to grow from \$525.3 million in 2023 to \$739.8 million by 2030, at a CAGR of 5.0% ... Furthermore, reliable testing solutions required for batteries" strong ...

Forklifts, robotics, drones, and medical devices increasingly rely on battery-powered solutions for greater efficiency and mobility. As industries shift towards cleaner and more flexible energy systems, the demand for industrial-grade ...

The global demand for batteries, especially lithium-ion batteries, is mainly driven by electrification of mobility, energy transition at the grid level, and largely to reduce the impact of climate change by fossil fuels. Additionally, the growing adoption and popularity of hybrid and electric vehicles across countries is one of the key drivers ...

The lithium-ion battery testing equipment market is experiencing significant growth, primarily driven by the surging demand for electric vehicles and the diversification of battery chemistries. According to IEA, in 2022, automotive lithium-ion battery demand soared by a remarkable 65%, largely attributed to a 55% increase in new EV registrations.

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The power equipment batteries market size is expected to reach USD 7.85 billion by 2028 from USD 5.60 billion in 2022, growing at a CAGR of 5.80%. Subscription Focus Reports Datacenter Database. Sign In Or Register. explore by category. ALL CATEGORIES. Contact. English. ALL CATEGORIES. Home Smart Tech power equipment batteries market - global outlook & ...

The global market for battery manufacturing equipment is poised for extraordinary expansion, with a value of US\$7.6 billion in 2022 anticipated to skyrocket to approximately US\$35 billion by the year 2030. This remarkable growth is expected to be driven by a robust CAGR of 23% during the period spanning from 2023 to 2030. 1.

Battery Manufacturing Equipment Market size was valued at around USD 10 Billion in 2021 and is projected to reach USD 85 Billion by 2030, growing at a CAGR of 26% from 2023 to 2030.

The global demand for batteries, especially lithium-ion batteries, is mainly driven by electrification of mobility, energy transition at the grid level, and largely to reduce the impact of climate change by fossil fuels.

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