New Energy Battery Sales Analysis Chart

Why did battery demand increase in 2023 compared to 2022?
In the rest of the world,battery demand growth jumped to more than 70% in 2023 compared to 2022,as a result of increasing EV sales. In China,PHEVs accounted for about one-third of total electric car sales in 2023 and 18% of battery demand,up from one-quarter of total sales in 2022 and 17% of sales in 2021.

Why are battery sales growing exponentially?
Battery sales are growing exponentially up classic S-curves that characterize the growth of disruptive new technologies. For thirty years,sales have been doubling every two to three years,enjoying a 33 percent average growth rate. In the past decade,as electric cars have taken off,it has been closer to 40 percent.

What percentage of EV batteries are in demand in 2022?
In 2022,about 60%of lithium,30% of cobalt and 10% of nickel demand was for EV batteries. Just five years earlier,in 2017,these shares were around 15%,10% and 2%,respectively.

How many battery-electric vehicles were sold in 2022?
*Prices do not include sales tax. Battery-electric vehicle sales reached an estimated 7.3 millionin 2022,up from around 4.6 million in 2021.

Which countries produce the most EV batteries in 2023?
Production in Europe and the United States reached 110 GWh and 70 GWh of EV batteries in 2023,and 2.5 million and 1.2 million EVs,respectively. In Europe,the largest battery producers are Poland,which accounted for about 60% of all EV batteries produced in the region in 2023,and Hungary (almost 30%).

How did EV sales grow in the first quarter of 2024?
In smaller EV markets,sales growth in the first months of 2024 was much higher,albeit from a low base. In January and February,electric car sales almost quadrupled in Brazil and increased more than sevenfold in Viet Nam. In India,sales increased more than 50%in the first quarter of 2024.

The New Energy Outlook presents BloombergNEF"s long-term energy and climate scenarios for the transition to a low-carbon economy. Anchored in real-world sector and country transitions, it provides an independent set of credible scenarios covering electricity, industry, buildings and transport, and the key drivers shaping these sectors until 2050.

Premium Statistic Annual sales of new energy vehicles in China 2011-2023, by propulsion type ... based on sales volume. Most popular passenger battery electric vehicle (BEV) companies in China in ...

Almost 14 million new electric cars 1 were registered globally in 2023, bringing their total number on the roads to 40 million, closely tracking the sales forecast from the 2023 edition of the Global EV Outlook

(GEVO-2023). Electric car sales in 2023 were 3.5 million higher than in 2022, a 35% year-on-year increase.

Battery-electric vehicle sales reached an estimated 10 million in 2023, up from around 7.7 million in 2022. BEV sales have soared due a number of factors, including an increased consumer...

Globally, around 1-in-4 new cars sold were electric in 2023. This share was over 90% in Norway, and in China, it was almost 40%. In the chart below, you can explore these trends across the world. Here, "electric cars" include fully battery-electric vehicles and plug-in hybrids.

Global battery-electric car sales distribution by vehicle segment 2018-2023. Breakdown of the global battery electric vehicle market between 2018 and 2023, by vehicle ...

The growth in EV sales is pushing up demand for batteries, continuing the upward trend of recent years. Demand for EV batteries reached more than 750 GWh in 2023, up 40% relative to 2022, though the annual growth rate slowed slightly compared to in 2021-2022. Electric cars account for 95% of this growth. Globally, 95% of the growth in battery ...

As an independent research company, offering a consistent data source for the electric vehicle market, we cater to a diverse range of stakeholders including vehicle manufacturers, battery and raw-material suppliers, tyre manufacturers and energy suppliers as well as banks, professional services, hedge funds, and governments. What our clients care most about is our accurate ...

Battery 2030+ is the "European large-scale research initiative for future battery technologies" with an approach focusing on the most critical steps that can enable the acceleration of the findings of new materials and battery concepts, the introduction of smart functionalities directly into battery cells and all different parts always including ideas for stimulating long-term research on ...

Automotive lithium-ion (Li-ion) battery demand increased by about 65% to 550 GWh in 2022, from about 330 GWh in 2021, primarily as a result of growth in electric passenger car sales, with new registrations increasing by 55% in 2022 ...

More than half of the electric cars on roads worldwide are now in China and the country has already exceeded its 2025 target for new energy vehicle sales. In Europe, the second largest market, electric car sales increased by over 15% in 2022, meaning that more than one in every five cars sold was electric. Electric car sales in the United States - the third largest market - ...

Sales of EVs continue to rise globally, but some markets are experiencing a significant slowdown and many automakers have pushed back their EV targets. Progress varies by segment, with electric commercial vehicles set for another blistering year and segments like buses and two- and three-wheelers already reaching very high levels of ...

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Tight margins, volatile battery metal prices, high inflation, and the phase-out of purchase incentives in some countries have sparked concerns about the industry"s pace of growth, but global sales data remain strong. In the first quarter of 2024, electric car sales grew by around 25% compared with the first quarter of 2023, similar to the year-on-year growth seen in the same ...

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Regional projected EV sales and sales shares data can be explored in the interactive Global EV Data Explorer. Related charts Development Finance Institutions" investment in clean energy and fossil fuels in China, 2013 - 2021

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