



## New energy battery sales in the second half of the year

Scheduled to start operations in the second half of 2024, the three factories are expected to generate in the next several years more than 5.000 jobs. ... Founded in 1995 as a rechargeable battery maker, BYD now boasts a diverse business scope covering automobiles, rail transit, new energy, and electronics, with over 30 industrial parks in ...

Tesla supplier LG Energy Solution Ltd (LGES) said on Wednesday it was looking at sites in Europe for a new battery plant and would ramp up production in Asia outside of China, where COVID ...

In April 2024, BYD introduced its second-generation blade battery pack, which the company asserted "will be lighter, smaller and more efficient than BYD's first-generation LFP batteries" with "as much as 190 kWh density enabling up to 1000 km range." [167] Beyond the Blade Battery, BYD's other core technologies include the (cell-to ...

It is currently the only viable chemistry that does not contain lithium. The Na-ion battery developed by China's CATL is estimated to cost 30% less than an LFP battery. Conversely, Na-ion batteries do not have the same energy density as their Li-ion counterpart (respectively 75 to 160 Wh/kg compared to 120 to 260 Wh/kg). This could make Na ...

Passenger PHEVs sold 880,992 units in the first half, up 39.54 percent year-on-year. BYD sold 203,404 units overseas in the first half, up 173.80 percent year-on-year. BYD's installed base of power and energy storage batteries in the first half of the year amounted to about 72.555 GWh, a year-on-year increase of 20.42 percent.

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China Automotive Battery Innovation Alliance (CABIA), on January 13, published battery data for new energy vehicles (NEVs) for 2020. Last year, the cumulated production yield and sales volume of batteries were 83.4 gigawatts (GWh) and 65.9GWh, respectively, down 2.3% YoY and 12.9% YoY due to the pandemic outbreaking at the ...

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To pursue sodium-ion research, the University of California, Los Angeles announced that it will open a new center this year--the Center for Strain Optimization for Renewable Energy, or STORE center.

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a record 4.6% in 2020. About 3 million new electric cars were registered in 2020.

In 2023, the most new solar capacity, by far, will be in Texas (7.7 GW) and California (4.2 GW), together accounting for 41% of planned new solar capacity. Battery storage. U.S. battery storage capacity has grown rapidly over the past couple of years. In 2023, U.S. battery capacity will likely more than double.

Plans for changes in capacity: Developers plan to add 42.6 GW of new capacity in the United States in the second half of 2024. Nearly 60% of that planned capacity is from ...

Battery Demand in H1 2024 exceeded 510GWh across all end use markets, an increase of 23% compared to last year revealed research house, Rho Motion, today. EV Battery demand accounted for 72% of this, with EV sales reaching seven million units in the first half of the year. The stationary storage market saw the strongest y-o-y growth of close to ...

CATL's energy storage batteries generated 28.82 billion yuan in revenue in the first half, up 3% year on year, while revenue from its EV batteries skidded 19.2% to 112.65 billion yuan. (\$1 = 7. ...

As EV sales continue to increase in today's major markets in China, Europe and the United States, as well as expanding across more countries, demand for EV batteries is also set to grow quickly. In the STEPS, EV battery demand grows four-and-a-half times by 2030, and almost seven times by 2035 compared to 2023.

CATL's market share in this segment reached 36.3%, growing by 1.7% year-on-year, solidifying its position at the forefront of the industry. Moreover, according to data from SMM, the shipments of global energy storage batteries in the first half of 2023 surged to 87.0GWh, demonstrating an impressive year-on-year growth of 122.0%.

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RMI forecasts that in 2030, top-tier density will be between 600 and 800 Wh/kg, costs will fall to \$32-\$54 per kWh, and battery sales will rise to between 5.5-8 TWh per year. To get a sense of this speed of change, the ...

Global EV sales continued as expected by us at the beginning of 2023. A total of 14,2 million new Battery Electric Vehicles (BEV) and Plug-in Hybrids (PHEV) were delivered during 2023, an increase of +35 %. 10 million were pure electric BEVs and 4,2 million were Plug-in Hybrids (PHEV) and Range Extender EVs (EREV).

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The 2023 percentage is 3.4% higher than in 2022, when hybrid, plug-in hybrid, and BEV sales made up 12.9% of total sales. The second half of 2023 saw the highest share of hybrids, plug-in hybrids ...

U.S. electric vehicle sales overall rose 7% during the first half of the year to 599,134, Motorintelligence reported. EVs accounted for 7.6% of the U.S. new vehicle market, about the same as it was for all of last year. Lease deals, which include federal tax credits, helped to boost sales. Sales of gas-electric hybrids skyrocketed 35.3% from ...

BYD has concluded 2023 with record-breaking sales volume, which surpasses the 3 million annual sales target and becomes the global new energy vehicle (NEV) sales champion, for the second year in a row. This year also marks BYD being listed among the global top 10 of car sales for the first time. In the Chinese market, BYD retained its position as the ...

HEV sales for the quarter rose 42% compared to Q2 last year while pure EV total sales climbed 15%. And in the first half of 2024, Hyundai sold 399,523 total units, a 1.2% increase compared to the first half of 2023. Hyundai Green sales saw an increase of 24% year-over-year. SUVs represented 75% of the retail mix. Mazda

SAIC-owned MG will put solid-state battery tech into a production car "within 12 months," a company official said. MG and other SAIC brands are in line to receive the new-generation batteries ...

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.

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