

What is CATL's new 'freevoy super hybrid battery'?

The renowned EV battery behemoth CATL has unveiled its latest 'Freevoy Super Hybrid Battery', which aims to set a new standard for plug-in hybrid (PHEV) and extended-range electric vehicles (EREV) with an industry-first 400 km all-electric claimed range. For anyone who stays in the loop of hybrid technology, this marks a vital milestone.

What is a CATL PHEV battery?

CATL has announced a new style of battery destined to create a cleaner, longer-range generation of plug-in hybrids. The Freevoy Super Hybrid Battery will give PHEVs the all-electric range and ultra-fast charging of a battery electric vehicle.

Does CATL's new battery improve hybrid power performance?

With a 40% increase in SOC control accuracy, CATL's Freevoy enables pure electric range of over 400 km (250 mi). CATL claims the new battery improves hybrid power performance by 20%. CATL's new battery is already powering several models from brands, including Li Auto, AVATR, DEEPAL, Changan Nevo, and NETA.

What is CATL's new battery?

CATL's new battery is the company's latest innovation. Last month, the battery giant unveiled its ultra-high-energy-density Tectrans bus battery that can last nearly 1 million miles (1.5 million km). What makes this a hybrid battery?

What is CATL EV battery?

Last April, CATL unveiled the Shenxing PLUS EV battery, "the world's first LFP battery with 4C ultra-fast charging." Over the summer, CATL also opened a first-of-its-kind experience center in China, showcasing its batteries in EVs from Tesla, Volkswagen, NIO, and others.

Which cars will use CATL's new battery?

CATL's new battery is already powering several models from brands, including Li Auto, AVATR, DEEPAL, Changan Nevo, and NETA. By 2030, the Freevoy battery will be used in 30 hybrid models from top automakers, including Volvo owner Geely, Chery, GAC, and VOYAH.

Contemporary Ampere Technology Co., Limited - better known as CATL - is a Chinese technology company and battery manufacturer responsible for approximately 40% of the global EV battery supply.

CATL's Freevoy Super Hybrid Battery in Beijing after the launch event. Credit: Wang Linlin "With just 10 minutes of charging, you can achieve a range of over 280 km, thanks to its 4C supercharging capabilities, effectively ...

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BEIJING, Oct. 24, 2024 /PRNewswire/ -- On October 24, 2024, CATL launched Freevoy Super Hybrid Battery, the world's first hybrid vehicle battery to achieve a pure electric range of over 400 kilometers and 4C superfast charging, ...

Contemporary Amperex Technology (CATL) has introduced the Freevoy Super Hybrid Battery, touted as the world's first hybrid vehicle battery to provide a pure electric range ...

Their Freevoy Super Hybrid Battery promises to provide more than 249 miles of range, surpassing the Fiat 500e and Mini Countryman SE. Hybrids from Chery, GAC and ...

CATL Freevoy Super Hybrid Battery provides over 280 kilometers of range on 10 minutes of charging. Freevoy ist eine transformative Lösung, die PHEV- und EREV-Batterien ...

Recently, CATL held a super hybrid battery brand and new product launch conference and launched the CATL Freevoy super hybrid battery. High performance: Pure ...

Chinese battery manufacturer CATL has recently unveiled its brand-new Freevoy Super Hybrid battery, the world's first hybrid vehicle battery to achieve a pure electric range of ...

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CATL launched Freevoy Super Hybrid Battery, the world's first hybrid vehicle battery to achieve a pure electric range of over 400 kilometers and 4C superfast charging, ...

CATL launched Freevoy Super Hybrid Battery, the first hybrid vehicle battery to achieve a pure electric range of more than 400 kilometers and 4C superfast charging, heralding a new era for high-capacity EREV and PHEV ...

CATL Freevoy Super Hybrid Battery provides over 280 kilometers of range on 10 minutes of charging ,"" ...

CATL Freevoy Battery addresses crucial concerns for EREV (extended range Electric Vehicles) and PHEV (plug-in hybrid Electric Vehicles) owners.On October 24, 2024, CATL, the world's leading Lithium-ion battery ...

BEIJING, Oct. 24, 2024 /PRNewswire/ -- On October 24, 2024, CATL launched Freevoy Super Hybrid Battery, the world's first hybrid vehicle battery to achieve a pure electric range of over 400 ...

CATL has launched the Freevoy battery for hybrid vehicles, which offers a range of more than 400 kilometers and supports 4 C fast charging, allowing hybrid vehicles to deliver a BEV-like experience. (CATL launched the ...

Freevoy super hybrid battery has excellent energy density, including charging and discharging speed, and cycle life, making it a tool to create economic benefits. By connecting ...

CATL meluncurkan Freevoy Super Hybrid Battery, baterai hybrid pertama di dunia yang memungkinkan jangkauan listrik murni hingga lebih dari 400 kilometer. Ningde: CATL ...

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