

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 offer a freevoy battery for hybrid cars?

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 for hybrid cars on October 24, 2024. Image credit: CATL)

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.

Will CATL's new hybrid battery 'Herald a new era'?

CATL has made bold claims in recent years--like batteries lasting 1.24 million miles and charging speeds previously unheard of. Now, it says its latest hybrid battery offers hundreds of miles of pure electric range, promising to "herald a new era" for plug-in hybrids (PHEVs) and extended-range EVs (EREVs).

Is a new battery for hybrid vehicles a BEV-like experience?

Image credit: CATL) Contemporary Amperex Technology Co Ltd (CATL, SHE: 300750) has launched a new battery for hybrid vehicles that is expected to enable a battery electric vehicle (BEV)-like experience for extended-range electric vehicles (EREVs) and plug-in hybrid electric vehicles (PHEVs).

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?

The Freevoy hybrid battery by CATL is a significant advancement for the PHEV market. This battery provides a range of up to 400 kilometers. In just 10 minutes, users can add up to 280 kilometers of range. It performs well ...

China's CATL unveiled its new Freevoy Super Hybrid Battery, calling it "the world's first" hybrid battery with over 400 km (250 mi) all-electric range. With 4C ultra-fast charging, the...

Contemporary Amperex Technology Co., Limited (CATL) is a global leader in new energy innovative

technologies, committed to providing premier solutions and services for new energy applications worldwide.

The firm known as CATL expects Freevoy Super Hybrid Battery to help expand its global market share and redefine plug-in hybrid vehicles, as more consumers in mainland China opt for cars powered by ...

Freevoy Super Hybrid Battery is a product released by CATL in October 2024. It is claimed to be the world's first pure electric battery with a range of 400km+ and 4C ...

Hybrid emergency command vessel applicationContemporary Amperex Technology Co., Limited (CATL) ... In terms of systems, CATL battery systems adopt a three-layer BMS which can flexibly match the system voltage ...

The world's largest battery manufacturer, CATL, announced on Thursday a new style of battery destined to create a cleaner, longer-range generation of plug-in hybrid vehicles.

CATL Media Release About Super Hybrid Battery. battery catl freevoy performance super hybrid vehicle technology. Share. Twitter Facebook Google+ Pinterest ...

1024??????CATL??PHEV??(Freevoy Super Hybrid Battery:??????)??????EV?400km ...

Contemporary Amperex Technology Co., Ltd. (CATL) successfully held its first online launch event "Tech Zone" on July 29. Dr. Robin Zeng, chairman of CATL, unveiled the company's first-generation sodium-ion ...

The Freevoy battery was developed specifically for plug-in hybrid vehicles to provide a "BEV-like" experience. It provides up to 400 km of electric range and supports 4C ...

175 miles on 10-min charge: "World's first" hybrid EV battery packs 250-mile range. Compared to previous PHEV batteries, the new upgraded system increases energy performance by 20%.

CATL launched the Freevoy battery in Beijing today, dedicated to plug-in hybrid vehicles (PHEVs). It supports 4C fast charging and provides a more than 400 km range for a "BEV-like" experience, the company claims. PHEVs ...

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 ...

CATL claims the new 4C ultra-fast charging technology in the Freevoy battery gives drivers over 280 kilometers (175 miles) of coverage on 10 minutes of charging, eliminating range anxiety in...

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

Freevoy?PHEV?EREV? EREV(...

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's Freevoy Super Hybrid Battery for hybrid vehicles achieves a pure electric range exceeding 400 kilometers alongside 4C ultra-fast charging capabilities. Designed specifically for PHEVs, the Freevoy battery integrates ...

Contemporary Amperex 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.

As for the new sodium-ion battery, CATL was one of the first manufacturers to present its own SIB in mid-2021. The first generation had an energy density of 160 Wh/kg, but CATL was already aiming for 200 Wh/kg at ...

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