

China's CATL announced a new battery type at Auto Shanghai 2023. The so-called condensed battery is a semi-solid state battery that promises to offer a 500-Wh/kg energy density while being safer ...

New Electrolyte for High Voltage System Gas Generation During HT Cycling 100% 19% Secondary Particle Single Particle Lowering electrolyte oxidation and metal dissolution extends high voltage cycle life while reducing ...

One of the developers of this new so-called "Cell-to-Pack" (CTP) technology, the Chinese company CATL, reports that 15 %-20 % more storage material is housed in the same assembly-and at the same time 40 % fewer ...

We delve into the CATL FREEVOY battery chemistry, that has the added bonus of 4C super-fast charging capability. The CATL media release that we link to below, pinpoints the ...

CATL says its new battery almost doubles that figure, with a specific energy of 500Wh/kg. Chinese automaker Geely claims its new Zeekr 001 model will have a range of 1,000km. (Supplied: Zeekr)

At IAA Transportation 2024, Contemporary Amperex Technology Co., Limited (CATL), the global leader in new energy technology innovations, launched its ...

On April 19, CATL launched condensed battery, an innovative cutting-edge battery technology in Auto Shanghai. With an energy density of up to 500 Wh/kg, it can achieve high energy density and high level of safety at the same time in ...

CATL 's latest battery innovation promises to perform optimally at extremely low temperatures, functioning smoothly down to -40°C. This advancement marks a significant leap forward in battery technology, ...

Tesla got a type approval in Europe for a new LFP/LMFP battery pack supplied by CATL. This could be used in entry-version Model 3 and Model Y EVs after the standard-range RWD variants have been ...

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 ...

o Joint venture to build an all-new lithium iron phosphate (LFP) battery plant at Stellantis" Zaragoza, Spain site o Production is planned to start by end of 2026 and could reach ...

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.
...

Chinese battery firm CATL on Thursday unveiled a mixed-chemistry battery for plug-in hybrids that the company claims offers greater range, faster charging, and better cold-weather...

Chinese battery giant CATL on Wednesday unveiled a new ultra-high energy battery technology initially slated for aviation, and with an automotive cell under development.. The so-called ...

Battery research is wondering which cell chemistry is in the "condensed battery": - Lithium metal battery? - Silicon anode? - Anode-less battery? - Lithium-Sulfur battery? If CATL's announcements come true, the ...

As part of Ford's plan to offer a new battery chemistry and source in key regions where it produces EVs, Ford has reached a new agreement with Contemporary Amperex Technology Co., Limited (CATL) - the world's leading ...

Tesla is such a big customer for CATL that the battery company set up its new 70 GWh factory just 5km from Tesla's Shanghai factory. While the precise chemistry of the new batteries isn't known, the new M3P battery is an ...

New battery cells from CATL with lithium manganese iron phosphate (LMFP) chemistry are already being used in a Chinese electric model. The new batteries will also be used by Tesla in the future, where the new cells ...

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CATL, China's largest power battery maker, unveiled Qilin Battery, or CTP (cell to pack) 3.0, on June 23, 2022, claiming an energy density of up to 255 Wh/kg to support a vehicle with a 1,000km range. The Qilin ...

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