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New pack battery pack





Overview

Can NMC cells be used as a battery pack?

Of course, the same structure could be applied to NMC cells, leading to an even smaller battery pack, or one could increase the number of cells in the same space to increase vehicle range. The cell-to-pack approach has made the LFP pack much more viable as an option in terms of fitting the necessary battery capacity in a vehicle.

Who makes a 75 kWh battery pack?

The 75-kWh standard range battery pack now uses LFP cells manufactured by CATL, whose SOC estimation accuracy is consistent with that of the hybrid pack, Nio said. Phate is the founder and main author of CnEVPost. He has been reporting since 2009, mainly on macroeconomics and capital markets.

What is a cell-to-pack (CTP) battery?

Cell-to-pack (CTP) designs integrate battery cells directly into the battery pack, eliminating intermediate modules to enhance energy density and simplify manufacturing. Cell-to-chassis (CTC) designs incorporate the battery cells directly into the vehicle's chassis, optimizing space, reducing weight, and improving structural integrity.

Will a 75 kWh battery pack use LFP cells?

Now, the company has announced that its 75-kWh standard range battery pack will use only LFP cells going forward, rather than hybrid cells as previously, seemingly aimed at further reducing costs.



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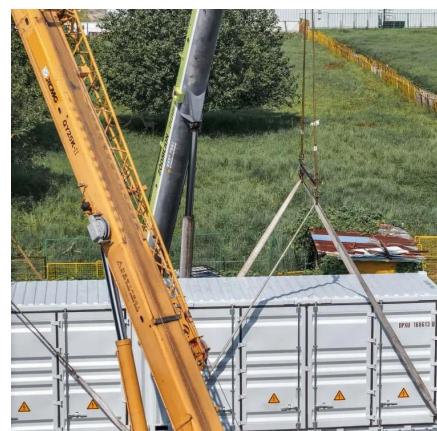
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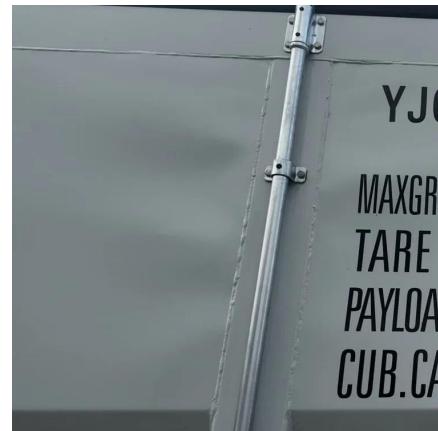


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