

Ford uses cylindrical lithium batteries





Overview

Does Ford make lithium phosphate batteries?

Ford has completed construction on BlueOval Battery Park Michigan in the US, a facility focussed on lithium iron phosphate (LFP) battery cells. The company says this is the first time an American company will manufacture LFP cells and pack them domestically without a foreign joint venture.

Which EV batteries does Ford use?

Ford currently utilizes batteries from CATL, LG, and SK On, among others, and has several joint venture plants coming online in 2025 and 2026 devoted to EV battery production. In any event, this isn't the first time Ford has announced an EV battery chemistry pivot.

What kind of battery does a Ford F150 use?

Ford currently uses two main battery types. There's an LFP battery for the entry-level Mustang Mach-E, and an NMC pack for the F-150 Lightning, E-Transit and rest of the Mach-E lineup. The LFP battery is sourced from Chinese battery giant CATL, while the latter reportedly comes from LG Energy Solution.

Will Ford use lithium manganese rich battery chemistry for electric vehicles?

Charles Poon, director of electrified propulsion engineering at Ford, revealed on LinkedIn that the automaker has been working on utilizing Lithium Manganese Rich (LMR) battery chemistry for its upcoming electric vehicles, and that the chemistry will be scaled and integrated into production vehicles before the decade is out.



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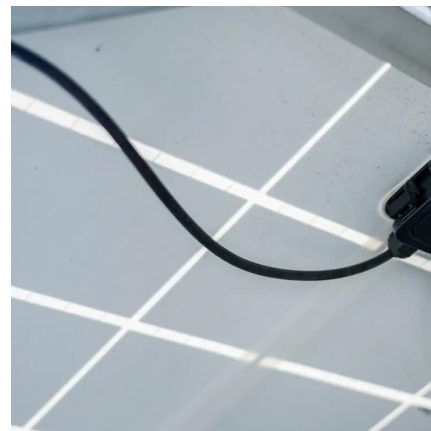
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