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<https://www.theglobeandmail.com/investing/globe-advisor/advisor-etfs/article-why-battery-technology-is-a-key-driver-to-electric-vehicle-success>

# Why battery technology is a key driver to electric vehicle success

The recent spate of announcements from some of the largest automakers suggests that electric vehicles (EVs) may soon become more commonplace on our roads.

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... , head of thematic and specialty product strategy at Atlanta-based asset manager Invesco Ltd., quips that “EVs are sometimes referred to as a battery with four wheels.”

Although the cost of batteries has fallen dramatically, it must come down further to make prices comparable to gas-powered options, ....

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But for EVs to become mainstream, two other things must improve, ... battery storage capacity must rise to extend distance between charges and charging speeds must get faster.

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... overlap with Invesco’s clean-energy exchange-traded funds (ETFs), which have a broader emphasis. Invesco WilderHill Clean Energy ETF [PBW-A](#) has a North American focus while its Invesco Global Clean Energy ETF [PBD-A](#) is more global. Both are managed passively, with Invesco Wilderhill Clean Energy ETF holding 56 companies, of which about 25 per cent are in battery and related technologies. It had US\$2.2-billion in AUM ...

... and Invesco WilderHill Clean Energy ETF have been strong performers, with the former producing a total return of 122.6 per cent in the 12 months ended Jan. 31 while the latter has had a total return of 206 per cent in the same period.

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Both funds hold Nio Inc. [NIO-N](#) a China-based electric carmaker that .... Nio opened its doors in early 2018 and has reached a market capitalization of US\$9.2-billion in three years.

The ... and Invesco ETFs hold Fuelcell Energy Inc. [FCEL-Q](#), one of the largest North American fuel cell power companies. Another is Vancouver-based Ballard Power Systems Inc. [BLDP-T](#), which is involved in fuel cell development and commercialization.

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