

Title: Latest electric car battery news

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Are electric cars more expensive to buy than ICE vehicles?

Recent industry data shows electric vehicles remain more expensive to buy than ICE vehicles in most segments, even if fuel and maintenance savings narrow the long-term ownership gap. Samuelsson's argument is that this upfront premium is temporary. According to him, manufacturing efficiencies and battery cost reductions will soon erase it.

Is the EV price gap catching up?

It may simply be market math catching up. Volvo CEO Håkan Samuelsson believes the EV price gap is closing faster than many expect. Speaking to reporters in Stockholm, he said that "if you look five years ahead," an electric car will "most probably be lower in cost than a combustion car," The Drive reports.

Is EV market math catching up?

Samuelsson has also argued that the United States remains an ideal market for EVs and plug-in hybrids, citing driving patterns and consumer appetite for technology. If battery prices continue to fall and manufacturing becomes more efficient, his five-year forecast may not be ambitious. It may simply be market math catching up.

Will removing redundant battery housings improve EV margins?

Eliminating redundant battery housings reduces material usage and assembly complexity. The goal is to bring EV margins closer to combustion vehicles like today's XC60, even if larger models such as the EX90 still trail their ICE counterparts in profitability. Battery chemistry will play a decisive role.

Some regions are seeing even higher uptake: In China, more than 50% of new vehicle sales last year were battery electric or plug-in hybrids.

Toyota is gaining confidence in bringing new battery technology to the electric vehicle market that could shake up the whole sector. The Japanese manufacturer has been working on ...

The result is a new generation of batteries that are safer, charge faster, last longer and deliver more range than today's best electric vehicle (EV) batteries.

However, a recent battery breakthrough from scientists in Korea could be the answer, claiming to provide 500



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miles of range and 12-minute charging times. Lithium-ion batteries rapidly ...

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