



Electric vehicle market australia

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CO2 emissions exert a profound influence on climate and the environment, fueling the greenhouse effect and contributing significantly to global climate change. Nearly one-fourth of these emissions worldwide can be attributed to the transportation sector. Electric vehicles (EVs) emerge as a promising solution, potentially acting as a carbon-neutral alternative when powered by renewable energy sources. This underscores their pivotal role in mitigating the impact of traditional combustion engine vehicles on the environment.

The Electric Vehicle market is divided into distinct two distinct markets, namely Battery Electric Vehicles (BEVs) and Plug-in Hybrid Electric Vehicles (PHEVs). This categorization allows for a nuanced understanding of the market dynamics, considering the specific attributes and market penetration of each electric vehicle type. The emphasis on new car sales and their foundational configurations ensures clarity, while the exclusion of used vehicles and customizations maintains focus on the evolving landscape of electric vehicles.

This page will be updated as new data is released each month, and as new information comes to hand. It is designed to be a reference point for the industry and consumers alike.

The table below tracks the monthly volume of each passenger electric vehicle model currently sold in Australia. Missing data in some rows or cells indicates that we are waiting for information from those respective manufacturers, usually for electric vehicles that have an equivalent internal combustion engine (ICE) variant of the same model.

Some manufacturers have told us they will not provide EV specific breakdowns of these models beyond what is available in the VFacts report, so certain data will remain missing unless we can find an alternative source.

For more details on individual EV models available in Australia, please visit our EV Models page. And for handy tips on the EV experience, please check out our EV Explainers section and our section on Road Trips and Reviews.

Tim has 20 years experience in the IT industry including 14 years as a network engineer and site reliability engineer at Google Australia. He is an EV and renewable energy enthusiast who is most passionate about helping people understand and adopt these technologies.

The Australian Electric Vehicle Market Study commissioned in partnership with the Clean Energy Finance

Corporation, and prepared by Energeia consists of two related parts – Part A – Strategic Review of Electric Vehicle Charging Infrastructure and Part B – Market Review of Electric Vehicle Sales, Stock and Infrastructure.

Energeia's Australian Electric Vehicle Market Study research review of Plug-in Electric Vehicles (PEV) charging infrastructure, and market modelling of PEV sales and associated charging infrastructure requirements have uncovered the following key findings.

Energeia's benchmarking of international comparator markets identified the role of financial and non-financial incentives, and reviewed the case study of Norway, the world leader for PEV uptake. This case study showed clearly that financial incentives, and particularly reductions in up-front purchase costs, are the incentives that impact most strongly on PEV purchase decisions, and that non-financial incentives play a supporting rather than leading role.

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Web: <https://sumthingtasty.co.za/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

