

## **South Africa Electric Cars - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2029)**

Market Report | 2025-04-28 | 182 pages | Mordor Intelligence

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### **Report description:**

The South Africa Electric Cars Market size is estimated at 3.53 billion USD in 2025, and is expected to reach 5.77 billion USD by 2029, growing at a CAGR of 13.04% during the forecast period (2025-2029).

The South African electric car market is on the cusp of acceleration, propelled by increasing environmental awareness and government incentives for cleaner transportation options

- As of early 2023, South Africa was at a nascent stage in the adoption of electric vehicles (EVs). The market penetration of electric cars in South Africa remained low compared to global standards, primarily due to several factors, including the high cost of EVs, limited charging infrastructure, and the lack of substantial government incentives to lower these barriers. Despite these challenges, there was a growing interest among consumers and businesses in cleaner transportation options, driven by an increased awareness of environmental issues and the global shift toward sustainability.
- Challenges facing the South African electric car market are significant but not insurmountable. High import taxes on electric vehicles make them considerably more expensive than their internal combustion engine counterparts, which discourages potential buyers. The development of a widespread and reliable charging infrastructure is another critical challenge. As of the last analysis, the country's charging network was primarily located in major cities and along some parts of the national highways, limiting the practicality of EV use for long-distance travel and in rural areas. Despite these hurdles, the future of the South African electric car market is promising.
- The South African government has started to recognize the importance of transitioning to a greener economy and has begun to implement policies that could support the growth of the EV market. These include potential tax incentives for electric vehicle buyers and investments in charging infrastructure. Moreover, local initiatives and partnerships between the private sector and

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government agencies are underway to increase the accessibility and affordability of electric vehicles.

## South Africa Electric Cars Market Trends

South Africa is experiencing a steady rise in vehicle electrification across all segments, with future forecasts suggesting significant growth by 2030, emphasizing the nation's dedication to sustainable mobility, carbon emission reduction, and alignment with global electrification trends

- The automotive sector in South Africa is witnessing a notable push toward electrification. In the passenger cars segment, the electrification rate stood at 2% in 2022 and 4% in 2023. Light commercial vehicles' (LCVs) electrification percentage rose from 0.20% in 2022 to 1.09% in 2023. The medium and heavy-duty truck (M&HDT) category, though slower to adopt, initiated its foray into electrification in 2023, starting at a 0.10% rate. Buses, a vital component of public transportation, are transitioning as well, with their electrification rate forecasted to climb from 0.50% in 2022 to 1.96% in 2023.
- From 2017 to 2022, South Africa showcased a growing commitment to greener transportation. The electrification rate for passenger cars surged from 2% in 2017 to 5% by 2022. LCVs witnessed a similar trend, with their electrification rate expanding from 0.20% in 2017 to nearly 2% in 2022. While the M&HDT category remained largely untouched by electrification until 2022, it did exhibit a nascent interest, starting at a 0.10% rate. In contrast, the two-wheeler segment, known for its affordability, saw a significant jump in electrification, from 1.50% in 2017 to 7.81% in 2022.
- From 2024 to 2030, South Africa is poised for a steady surge in vehicle electrification across all segments. Projections indicate that by 2030, electrified passenger cars will make up 12% of the market. LCVs are expected to hit a 6% electrification rate, while the M&HDT segment is expected to expand its electric fleet, reaching 4% by 2030. Buses, crucial for sustainable urban mobility, are anticipated to achieve a 10% electrification rate by 2030. The two-wheeler segment, prized for its efficiency and affordability, is forecasted to make a significant leap, reaching a 22% electrification rate by 2030.

## South Africa Electric Cars Industry Overview

The South Africa Electric Cars Market is fairly consolidated, with the top five companies occupying 78.88%. The major players in this market are Audi AG, Bayerische Motoren Werke AG, Daimler AG (Mercedes-Benz AG), Toyota Motor Corporation and Volvo Car AB (sorted alphabetically).

### Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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