

# **Price of energy storage vehicles in Indonesia**





## Overview

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How much does an electric car cost in Indonesia?

This article aims to compare various electric car models available in the country, covering their prices, range, and features. Also read: Top 5 Upcoming Affordable Electric Cars in Indonesia for 2025 Sustainability is no longer a choice, it's a necessity. Rp 1.640 juta. Comparison of Top Electric Cars in Indonesia: Price, Power, Range, and Features.

Why is the EV market still in development in Indonesia?

The electric vehicle (EV) market in Indonesia is still at an early stage in its development, in part because the high cost of EVs deters potential buyers. While purchase price is often cited as a key obstacle to EV adoption, it is only one of many cost items that consumers consider in a vehicle purchase.

Are eco-friendly vehicles economically feasible in Indonesia?

Data was collected from industry reports and market sources to estimate these costs in the context of the Indonesian market. The TCO 9 model compared the long-term ownership costs of each vehicle type over a specified period (e.g., 5–10 years), providing a comprehensive view of the economic feasibility of adopting eco-friendly vehicles.

How long do electric vehicles last in Indonesia?

An assumed annual mileage of 9,000 miles per year and an eight-year ownership period from 2022 to 2030. This is because the estimated average age of electric vehicle batteries in Indonesia is 8 years. The specifications and cost of all vehicles examined in this work are stated in Table 1.

How EVs are capturing the Indonesian market?

With the Electrified Vehicles (EVs) ventures being in the early stage, the cost-benefit analysis of the vehicles is key towards capturing the Indonesian market. As consumers, however, pricing may not only be the costs they



consider; they also consider the total cost of ownership (TCO) of the cars they purchase.

How many electric vehicle charging stations are there in Indonesia?

Indonesia, with only 2015 Public Electric Vehicle Charging Station and 2182 Public Electric Vehicle Battery Swap Station stations and 18,000 home chargers, faces challenges in expanding beyond urban areas (Dananjaya and Kurniawan, 2024).



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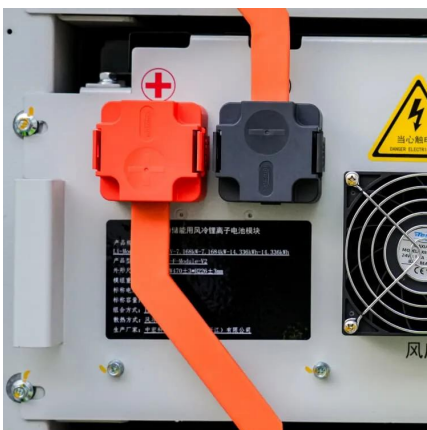


### INDONESIA CLEAN ENERGY TECHNOLOGY : ENERGY ...

From the energy supply side, the priority is how to accelerate the achievement of the renewable energy mix, which will be dominated by variable renewable energy (solar energy). From the ...

### **Battery Energy Storage System (BESS) market di Indonesia**

KfW-BMU's Renewable Energy Storage Program:  
The program aims to encourage further technical development of solar + storage installations and to increase their market penetration ...



### **Analyzing the adoption of hybrid electric and hydrogen vehicles in**

This study evaluates factors influencing the adoption of Hybrid Electric Vehicles (HEV), Battery Electric Vehicles (BEV), and Hydrogen Fuel Cell Vehicles (HFCV) using Multi ...

### **Automotive industry in Indonesia**

In recent years, Indonesia also started producing affordable energy-saving 4x2 vehicles.



## Driving Change: The Story of Electric Vehicles in Indonesia

Indonesia is a prime example of this, with just 0.5% of the vehicles on the road being electric. However, the country highlighted how much it values the EV transition as a part of its ...



## Indonesia to build battery energy storage system this year

JAKARTA, March 18 (Xinhua) -- Indonesia's state-owned electricity company PT PLN and its subsidiaries have collaborated with the Indonesia Battery Corporation (IBC) to build a battery ...



## [Indonesia Electric Vehicle Outlook 2023](#)

Electric vehicles have been included in the mitigation action of our country. To meet the emission reduction target under Indonesia's Nationally Determined Contribution (NDC), 2-electric ...







## What is the price of energy storage vehicles in Shanghai

1. Energy storage vehicles in Shanghai exhibit a price range between CNY 200,000, approximately USD 28,000, and CNY 600,000, roughly USD 84,000, depending on ...



## INDONESIA CLEAN ENERGY TECHNOLOGY : ENERGY ...

ENERGY STORAGE: FOR SMART (MICRO) GRID AND EV The priority of clean energy technology in Indonesia is how technology can help in fulfilling clean energy based on ...

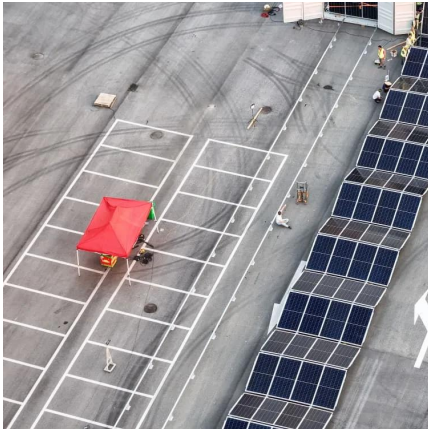
## The future of electric vehicles to grid integration in Indonesia

There is a variety of literature available that discusses possibilities for storage of electricity in Indonesia, including grid connection of electric vehicles, thermal storage ...



## Total Cost Analysis of Combustion and Electric Cars ...

This study aims to compare the value of total cost of ownership of electric and conventional cars in Indonesia related to the relevant switching ...



## Indonesian Electric Vehicle Boom: A temporary trend or a long ...

While Indonesia's EV incentive policies reflect a strong commitment to increase market adoption, there remain several risks to achieving the long-term goals of fostering ...



## Electric Cars in Indonesia: Prices & Features Compared

Compare electric cars in Indonesia by price, range, and features. Find the best eco-friendly car for your budget today!

## [Indonesia Energy Storage Market 2024-2030](#)

Indonesia has over 17,000 islands, with many lacking access to reliable power. BESS can provide reliable and clean energy solutions for these regions. The growing EV ...





## [Indonesia Energy Storage Market 2024-2030](#)

By March 2025, BEVs accounted for 8.1% of all car sales in Indonesia, overtaking hybrids, which stood at 6.8%. Together, electrified ...

## **Recommended Manufacturers of Home Energy Storage and ...**

Indonesia's Energy Challenge: Why Solar Battery Storage Is the Key to Reliable Power Indonesia, the largest archipelago in the world, faces a unique set of energy ...



## [How Indonesia EV Adoption Surge is Changing Gears](#)

By March 2025, BEVs accounted for 8.1% of all car sales in Indonesia, overtaking hybrids, which stood at 6.8%. Together, electrified vehicles made up 14.9% of the market, ...

## **Total Cost Analysis of Combustion and Electric Cars in ...**

We estimated a eight year TCO for EV namely Nissan Leaf, and ICEV namely Mazda CX-5, and HEV namely Nissan Kicks. We provide a comparative analysis of tax costs, fuel costs, ...





## Indonesian Electric Vehicle Boom: A temporary trend ...

While Indonesia's EV incentive policies reflect a strong commitment to increase market adoption, there remain several risks to achieving the long ...



## What is the price of energy storage vehicles in Shaanxi

1. The current market price range for energy storage vehicles in Shaanxi is between 300,000 to 800,000 RMB, depending on the vehicle specifications and ...



## Three Companies Establish Synergy to Develop Electric Vehicle

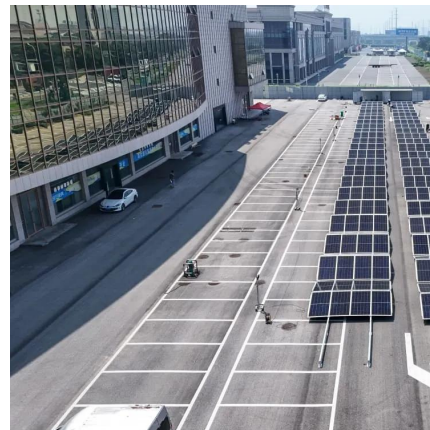
Director of Institutional Relations of PT. Industri Baterai Indonesia, Reynaldi Istanto, added that this partnership is part of IBC's contribution in supporting the development ...





## Driving Change: The Story of Electric Vehicles in ...

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## [Indonesia energy prices . GlobalPetrolPrices](#)

Indonesia fuel prices, electricity prices The table below shows the most recent prices per liter of octane-95 gasoline, regular diesel, and other fuels. These are retail (pump) ...

## [Indonesia Home Energy Storage Market Size and ...](#)

In Indonesia Home Energy Storage Market, HES systems provide backup power during outages, ensuring critical appliances and systems ...



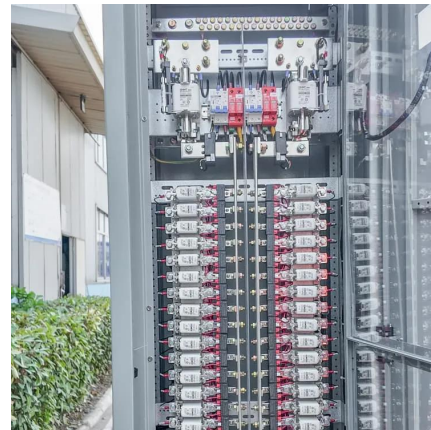
## What is the price of energy storage vehicles in Beijing

The price of energy storage vehicles in Beijing varies significantly based on several factors, such as vehicle model, battery capacity, brand reputation, and technological ...



## The consumer cost of ownership of electric passenger cars in ...

This study analyzes a broad set of ownership costs of two comparable passenger vehicles: the most popular EV model by sales, the Hyundai Kona EV, and a similar ICE model, the Honda ...



## Electric Cars Indonesia 2024 , OTO

Upfront electric cars cost more than regular cars, however, it has a low running and maintenance cost. Electric cars are very easy to drive as they do not have any gears which the driver has to ...

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