

## Battery life malaysia

Learn how to maximize your car battery's lifespan and discover how long a car battery lasts. Find out how maintenance, driving habits, and quality battery choices ensure a lasting battery.

Car batteries are an essential component of our vehicles, providing the necessary electrical power to start the engine and run various electrical systems. However, like all things, they have a limited lifespan. In this article, we'll explore the factors that influence a car battery's longevity and provide tips on how to extend its life.

On average, a car battery typically in Malaysia lasts between 1 to 3 years. This estimate can vary based on several factors, including the type of battery, driving habits, weather conditions, and maintenance.

There are 3 types of car batteries,

2. AGM (Absorbent Glass Mat) Batteries: AGM batteries offer improved performance and longevity. They can last up to 3 years or more due to their advanced design and resistance to deep discharges. AGM batteries are the best car batteries for vehicles with auto start-stop engines because they can deliver deep power and still start a car engine

3. Lithium-Ion Batteries: Some modern vehicles like Tesla, Peugeot, Hyundai, Honda, BMW, Toyota, Volkswagen, and Volvo are equipped with lithium-ion batteries, which have a longer lifespan, often exceeding 3 years. These batteries are lightweight and can withstand frequent deep discharges.

Extreme temperatures, whether hot or cold, can significantly affect a car battery's performance and longevity. Cold weather reduces a battery's capacity, making it harder to start the engine. Hot weather can cause the battery to overheat, which can lead to premature failure. Parking in a garage or using a battery insulator can mitigate these effects.

**Regular Maintenance & Drive Regularly :** Periodically inspect and clean the battery terminals to prevent corrosion and ensure a good electrical connection. Many auto shops offer free battery checks. If possible, take your vehicle for longer drives to allow the battery to recharge fully. Avoid leaving it parked for extended periods.

**Turn Off Accessories:** Most users in Malaysia like to use additional accessories in their cars, especially LED lights. However, did you know? that excessive installation of these accessories can reduce the lifespan of your car's battery. When the engine is off, minimize the use of electrical accessories such as lights, radios,



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and air conditioning.

**Check the Charging System:** Have your vehicle's charging system checked regularly to ensure it's functioning correctly. A faulty alternator can lead to battery problems.

**Cover from Extreme Temperatures:** If you live in an area with extreme temperatures, consider insulating your battery to protect it from the elements

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