## **How Long Do Car Batteries Last UK**



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But in this article we'll show you how you can estimate how long your car battery will last. We'll give you the information you need to make a choice on which battery you should get, and how to maximise the lifespan of your vehicle battery.

No matter what brand you choose, if you check the reviews you're going to see some complaints. You're going to see people saying it's a waste of money, didn't work well from the start. That's the case for ALL battery brands.

Understand that traditional lead-acid batteries have some inherent flaws that cause them to degrade if they are treated a certain way. The way some people use their car battery is ill-matched to how the car battery wants to be used.

In the UK, we're lucky that the brands available at the major automotive retailers are solid. As you may expect the components and build quality of the major global brands like Exide, Bosch, Varta and Yuasa are superior to the smaller battery brands. But you'll still find plenty of people talking on forums about how they got 6 years and counting out of an eighty quid Lion battery or Powerline battery.

Members of the Car Battery Geek team have experience of Arizona, in the USA. Meeting with fleet owners there, they were told that the fleet owners were getting as little as one year out of their batteries. As you can imagine, they weren't overjoyed about this battery lifespan!

The lesson to be learned is this: no matter the quality of the battery or how well you treat it, if it's constantly subjected to high temperatures of 30 degrees plus, then it will die pretty darned fast.

So, if you're joining us from the UK, think yourself lucky. There's nothing you can do if you live in a hot climate to improve battery lifespan. In the UK, our climate is pretty cool. It's neither exceptionally hot nor exceptionally cold (just the occasional foray into both).

This moderate climate is certainly what batteries want. As a result, the only way you'd get as little as one year out of a battery is if it's a dud from the start, or if you treat it exceptionally badly and consistently leave it discharged for a very long time.

These batteries (such as 100 EFB batteries) also suffer from sulfation and acid stratification, but significantly less so than normal lead-acid batteries. They have several design improvements that increase their resilience. Some of these are:

This fleece-like material holds the electrolyte in place more effectively, and thus reduces the likelihood and



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severity of acid stratification occurring. That \$\&\pm\$48217;s because the scrim makes it easier for the sulphuric acid and distilled water to remain fully mixed.

These type of batteries have their electrolyte absorbed in glass mats. Since they don't have free-flowing electrolyte, the electrolyte always remains well mixed. So they don't have ANY acid stratification; they're completely resistant to that problem.

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