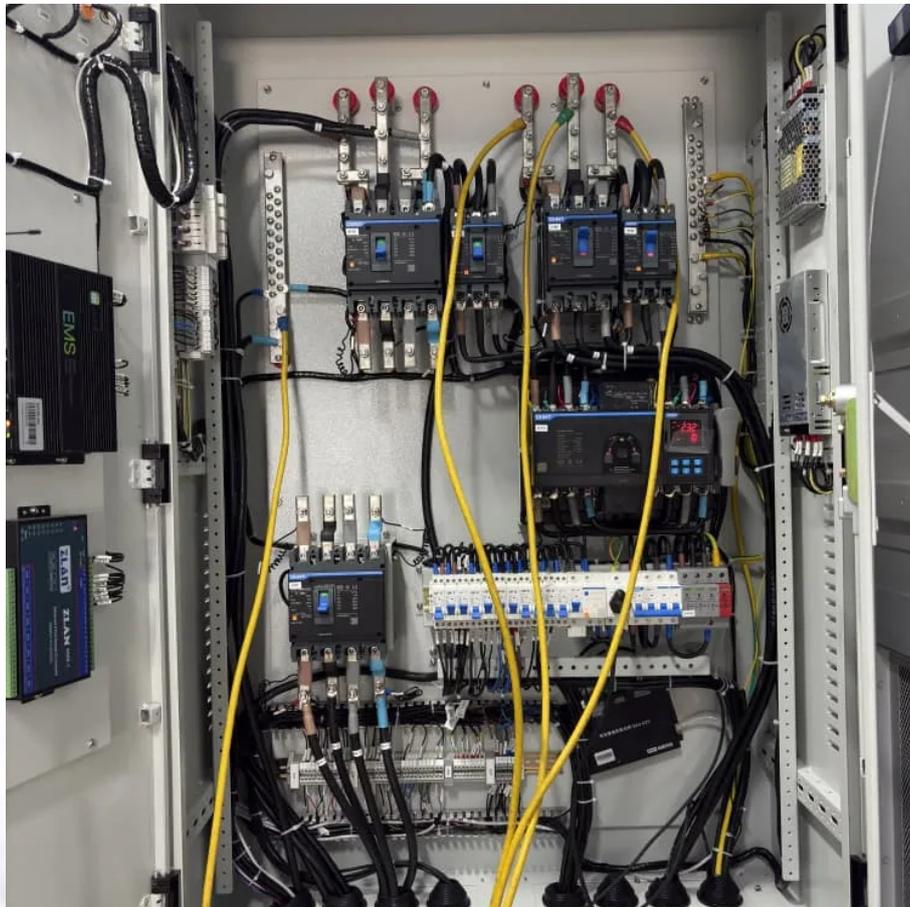


How many years can the new energy range extender battery cabinet be used





Overview

How can a range extender help a car battery?

In these cases, range extenders can be one solution: A combustion generator that is coupled to an electric motor and thus generates energy for the vehicle battery. ZF is now introducing the new generation of this technology, which will go into volume production in 2026.

What is a range extender EV?

A range extender is an auxiliary power unit (APU) that provides the vehicle with additional energy to complement the primary battery in propelling the vehicle. According to the 2012 Amendments to the Zero Emission Vehicle Regulations, a range-extended battery EV should comply, among others, with the following criteria :.

Do electric vehicles have range extenders?

Friedrichshafen, Germany. Many potential buyers of electric vehicles still feel the so-called range anxiety that accompanies all-electric driving. In these cases, range extenders can be one solution: A combustion generator that is coupled to an electric motor and thus generates energy for the vehicle battery.

How does a range extender work?

With range extenders, a combustion engine is coupled to an electric machine that generates power for the vehicle battery as soon as its state of charge drops below a certain threshold. As you can already see from the name, this increases the range that can be driven electrically.



How many years can the new energy range extender battery cabinet



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