

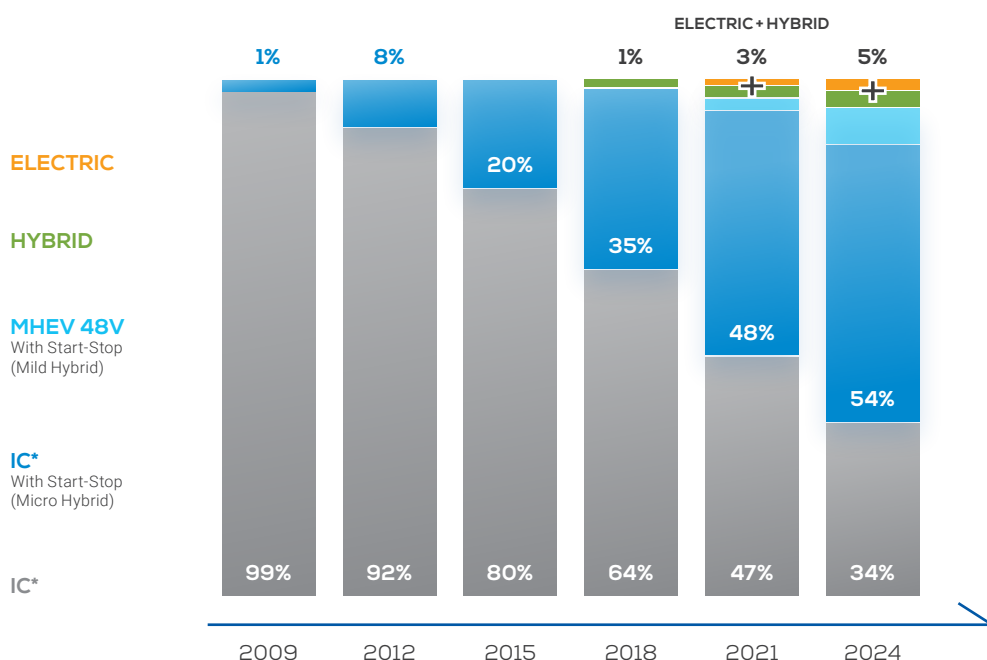
DID YOU KNOW... ...THAT AN ELECTRIC VEHICLE IS EQUIPPED WITH A LEAD-ACID BATTERY ?



77% OF ELECTRIC CAR PARC HAS A LEAD-ACID BATTERY

A 12V lead-acid battery is a reliable source of power for electric vehicles. It provides the necessary energy to activate the safety relay and connect the high voltage battery to the board net and the electric engine. When the lead-acid battery is discharged, the car cannot be started. It keeps the entire electrical system running before the traction battery is connected and while the electric car is parked. This includes the security system, the keyless system sensors, the clock, and the memory in many of the car's computer systems. It is also essential when the main battery is malfunctioning, because it powers the safety systems in case of emergency.

NUMBER OF ELECTRIC CARS WILL RISE TO 6M BY 2024, 2% OF THE TOTAL CAR PARC



European car parc trends

The parc is estimated to grow by 5% from 2018 to 2024

Electric vehicles will increase to 6M in 2024

Electric Vehicles will remain a niche

*IC = Internal Combustion Engine

Source: Exide estimation
EU28+EFTA (European Free Trade Association inc: Iceland, Liechtenstein, Switzerland and Norway)

ELECTRIC VEHICLE BATTERY RANGE



MAKE MODEL - RANGE	MODEL YEAR FROM	AGM	EFB	AUXILIARY	PREMIUM	EXCELL
BMW I3	01/11/17	AGM12-23				
CITROËN C-ZERO	01/10/10					EB356
HYUNDAI IONIQ	01/03/16				EA386	
KIA SOUL II	01/09/14					EB504
MERCEDES-BENZ B-CLASS	01/11/14	EK600				
MITSUBISHI I MIEV	01/07/09				EA386	EB356
NISSAN E-NV200	01/05/14		EL550		EA530	EB500
NISSAN LEAF	01/11/10					EB454
NISSAN LEAF	01/08/17		EL550		EA530	EB500
OPEL AMPERA	01/11/11	EK600				
OPEL AMPERA-E	01/05/17		EL550			
PEUGEOT ION	01/11/10					EB356
RENAULT KANGOO EXPRESS	01/10/11		EL700		EA770	EB740
RENAULT ZOE	01/06/12		EL550		EA530	EB500
SMART FORTWO	01/11/09	EK600				
SMART FORTWO	01/05/17		EL600		EA640	EB620
TESLA MODEL S	01/11/16					EB357
TESLA MODEL X	01/09/15					EB357
VW GOLF VII	01/03/14	EK600	EL600		EA640	EB620
VW UP	01/07/13					EB440

EMEA HEADQUARTERS

EXIDE TECHNOLOGIES SAS - 5 ALLÉE DES PIERRES MAYETTES - 92636 GENNEVILLIERS - FRANCE - TEL: +33 1 41 21 23 00 - FAX +33 1 41 21 27 15