

Almost 400,000 new e-cars registered in 2020



In Germany, 82,800 electric vehicles were newly registered in December. The increase compared to the same month last year is 629 percent. Over the entire past year, e-vehicle registrations increased by 263 percent to 394,939 units. These include purely battery-powered electric cars, plug-in hybrids and fuel cell vehicles. They reached a 14 percent share of the total market in 2020, up from around 3 percent in 2019.

New registrations of all-battery electric vehicles (BEVs) increased nearly eightfold (up 660 percent) to 43,671 units in December. In addition, 39,107 plug-in hybrids were registered (up 601 percent), according to the Federal Motor Transport Authority.

For the year as a whole, 194,163 purely battery-powered electric cars were newly registered (up 207 percent), 200,468 plug-in hybrids (up 342 percent) and 308 fuel cell vehicles (up 48 percent).

Reinhard Zirpel, President of the Association of International Motor Vehicle Manufacturers (VDIK) emphasized: "Despite the Corona crisis, the alternative drive systems achieved a breakthrough in 2020. Almost 400,000 new electric vehicles

were registered, nearly four times as many as in 2019. This boom will continue in 2021. This year, up to 600,000 battery electric cars and plug-in hybrids could be newly registered in Germany.”

The VDIK regularly updates the list of electric vehicles from international manufacturers. The VDIK member companies currently offer more than 80 electric models that customers can order in Germany. The VDIK electric list can be accessed [here](#).

The demand for vehicles with alternative drives as a whole also increased significantly in December. There were 126,520 new electric cars, hybrids with and without plugs, mild hybrids (48 volts) and gas-powered passenger cars registered. The year-over-year increase was 319 percent. For the year as a whole, 736,035 new units were registered. This included 7,159 new CNG cars, more than three-quarters of which came from international manufacturers (77 percent). Overall, cars with alternative powertrains more than doubled their share of the total market to 25 percent in the past twelve months, up from just under 9 percent in 2019.

	December		January - December			
		Change (%)		Change (%)	Share of total market	Int. manufacturers (VDIK, %)
BEV	43,671	660	194,163	207	-	40
PHEV	39,107	601	200,468	342	-	26
FCEV	22	-31	308	48	-	100
Electric vehicles (total)	82,800	629	394,939	262	14.0	33
HEV	42,001	133	327,394	69	-	45
CNG	315	-57	7,159	-6	-	77
LPG	1,404	1,347	6,543	-10	-	98
Alternative drivetrains (total)	126,520	319	736,035	132	25.0	39

Glossary

Electric vehicles: BEV, PHEV and FCEV

BEV, Battery Electric Vehicle

PHEV, Plug-In Hybrid Electric Vehicle

FCEV, Fuel Cell Vehicle, hydrogen vehicle

HEV, Hybrid without plug or non-rechargeable

CNG, Compressed Natural Gas

LPG, Liquefied Petroleum Gas