

Stellantis: 98% of models to be electric or hybrid by 2025

8 July 2021, by Tom Krisher



In this Feb. 26, 2020 file photo, CEO of PSA Groupe Carlos Tavares arrives for the presentation of the company's 2019 full year results in Rueil-Malmaison, west of Paris. Stellantis is a little late to the global electric vehicle party, but on Thursday, July 8, 2021, it pledged to catch up and pass its competitors. Tavares says that by 2025, 98 % of its models in Europe and North America will have electric versions. Credit: AP Photo/Michel Euler, File

Stellantis is a little late to the global electric vehicle party, but on Thursday it pledged to catch up and pass its competitors.

CEO Carlos Tavares says that by 2025, 98% of its models in Europe and North America will have fully electric or plug-in gas-electric hybrid versions. He says the company that combined Fiat Chrysler and Peugeot is developing four fully electric vehicle platforms with ranges from 500 kilometers (311 miles) to 800 kilometers (497 miles).

It also will have three electric drive modules to power all of its vehicles, and Stellantis will take advantage of its scale to reduce electric vehicle costs. The company expects to reduce battery costs by more than 40% from 2020 to 2024 with

two new battery chemistries. It plans to introduce solid-state battery technology by 2026 that can store more energy than current versions.

The models include a fully electric Ram pickup in 2024 and a hybrid Jeep Grand Cherokee later this year, as well as small cars. There even will be an electric Dodge muscle car. The company says it will use its electric commercial vehicle expertise from Europe to build EV models worldwide. It says Jeeps, known largely for going off road, will have zero-emissions electric vehicles in every market segment by 2025.

Tavares says Stellantis will spend no less than 30 billion euros (\$35.6 billion) over the next five years on EVs. It will build five battery factories in the U.S. and Europe. By 2030, 70% European sales and 40% of U.S. sales will be full electric or plug-ins, he said.

"We are already in the race," Tavares said during a 2 1/2 hour electric vehicle day presentation via a transatlantic webcast on Thursday. "We are on a rolling start and we are now accelerating full speed."

This year, he said the company will have between 30 and 40 battery electric and plug-in hybrid vehicles for sale globally through all 14 of its brands. The bulk are in Europe, and at present there are no fully electric vehicles for sale in the U.S., the world's second-largest market.

Of the fully electric and hybrid vehicles, no fewer than 80% of them will run on batteries alone, Tavares said.

Stellantis says the Opel brand will go fully electric in Europe by 2028, with 100% of its vehicles in China being electric. It will bring back the Manta sports car with a fully electric version by the middle of the decade.

Tavares said Stellantis would convert plants that now build internal combustion engines and transmissions into battery cell factories. Of the five battery plants, three will be in Europe, including conversion of the Termoli plant in Italy.

The company said its pretax operating profit margin for the first six months of this year would exceed previous guidance of 5.5% to 7.5%, due to higher prices for vehicles and despite lower sales from production cuts. Stellantis and nearly all major global automakers have had to trim production due to a shortage of computer chips. It also expects negative cash flow in the first half due to capital spending and lower production.

Tavares expects sustained double-digit operating profit margins around 2026 and says synergies should bring electric vehicle costs down to those of internal combustion vehicles, even without government incentives.

© 2021 The Associated Press. All rights reserved.

This material may not be published, broadcast, rewritten or redistributed without permission.

APA citation: Stellantis: 98% of models to be electric or hybrid by 2025 (2021, July 8) retrieved 20 October 2021 from <https://techxplore.com/news/2021-07-stellantis-electric-versions.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.