

New SUV is next step in VW's post-scandal electric offensive

September 23 2020, by David McHugh and Tom Krisher



In this July 29, 2020 file photo, a VW ID.4 stands in front of the Frauenkirche on the occasion of a Volkswagen vehicle presentation on the Neumarkt in Dresden, Germany. Germany's Volkswagen is unveiling the ID.4, the battery-powered sport-utility vehicle that is headed for global markets including the United States and China, as the company takes a major step forward in its campaign to make electric cars a mass-market choice. (Sebastian Kahnert/dpa via AP, File)

Volkswagen is unveiling a battery-powered sport-utility vehicle that is headed for global markets including the United States and China, as the company takes a major step forward in its campaign to make electric cars a mass-market choice.

The ID.4 combines the battery drive favored by environmental rules in Europe and China with the compact SUV design that has drawn many consumers away from hatchbacks and sedans.

The new model comes close on the heels of the German company's first vehicle built on its electric-only platform, the ID.3 compact, that went on sale in September. The ID.3 is not, however, coming to the United States, where larger vehicles such as SUVs increasingly rule the market.

The ID.4 is by contrast "designed as a world car," according to Volkswagen brand head Ralf Brandstaetter. It will launch in the U.S. early next year, with Volkswagen offering three years free unlimited charging on 470 stations belonging to the Electrify America fast-charging network.

The company says prices start at \$39,995 before the potential \$7,500 U.S. federal tax credit. The first edition will have range of 250 miles, charging to full in 7 1/2 hours at home, or up to 80% in 38 minutes at a fast-charging station. Volkswagen says eventually it will have a lower-cost \$35,000 version with less range.

Scott Keough, CEO of Volkswagen in America, said Tesla's all-electric Model Y, which now starts at \$49,990, is a competitor, but Volkswagen sees most of its customers coming from conventional compact SUVs such as the Toyota RAV4 and Honda CR-V. "The opportunity is to get people flipping from ICEs (internal combustion engines) to this car," he said.

The compact SUV segment is the largest part of the U.S. new vehicle market with 4 million sold every year, Keough said.

At first, U.S. versions of the ID.4 will be rear-drive and imported to the U.S. from Germany, but Volkswagen's factory in Chattanooga, Tennessee, will begin building it toward the fall of 2022, he said.

Volkswagen says the ID.4 will have great handling and will be faster from zero to 60 mph (96.6 kilometers per hour) than gas engine competitors. It expects the rear-drive version to get there under eight seconds and the all-wheel-drive version under six.

The company's goal is to broaden electric cars' appeal beyond "first adopters" to buyers simply looking for affordable transportation.

Volkswagen hopes car buyers will be attracted by the advantages that come from designing a car as an electric vehicle from the ground up. Putting the battery flat below the passenger space gives the ID.4 about the same interior space as that of the longer Volkswagen Tiguan SUV, while the lower center of gravity makes for better handling.

The new vehicle underlines the sharp turn the company has made after its 2015 scandal over diesel cars that for years were rigged to cheat on emissions tests so they could pollute more than U.S. rules allowed.

Only last week the company announced it had completed three years of monitoring as part of its guilty plea with the U.S. Justice Department. Under independent monitor Larry D. Thompson Volkswagen had to come up with a uniform ethics code and an expanded whistle-blower system. The company has also paid more than 30 billion euros (\$35 billion) in fines and civil settlements. Former CEO Martin Winterkorn faces a criminal trial in a German court and has been indicted in the U.S., though he cannot be extradited under German law.

The push into electric cars is to a great extent being driven by regulation. The European Union is from 2021 requiring car makers' fleets to have lower levels of carbon dioxide, the primary greenhouse gas that causes global warming. The race to comply with the rules—or face fines that could run thousands of euros per vehicle sold—has seen companies launch more electric vehicles with better prices and longer range. The European market share jumped to 7.2% in the third quarter from 2.4% a year ago, despite the overall slump in sales due to the coronavirus recession.

The Chinese government is also making a regulatory push for more alternative propulsion vehicles. Uptake in the U.S. has been slower as regulatory pressure has been weaker.

Stephanie Brinley, principal automotive analyst at research firm IHS Markit, said the vehicle is "very significant for Volkswagen as it tries to move forward and transition from traditional engines to a more electric vehicle lineup."

She cautioned that the transition to significant electric sales will take decades. "This is the beginning of a very long journey for them."

Consumers are getting more choice, with 18 electric models available in 2018 growing to 120 by 2025. And that will help push electrics to a 9% market share by 2025: "For the electric vehicle market to really find the success that we expect it will, it needs to make that trip over to people who are less aggressive about change and are willing to try it anyway."

© 2020 The Associated Press. All rights reserved. This material may not be published, broadcast, rewritten or redistributed without permission.

Citation: New SUV is next step in VW's post-scandal electric offensive (2020, September 23) retrieved 4 May 2024 from

<https://techxplore.com/news/2020-09-suv-vw-post-scandal-electric-offensive.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.