Standard Taycan model launches for the USA

19/01/2021 An electric Porsche with an MSRP of $79,900, rear-wheel-drive, and all the compelling Taycan attributes

A new variant of Porsche's electric sports car is set to launch – joining the Taycan 4S, Taycan Turbo and Taycan Turbo S. Simply called the Taycan, the new model is now on sale in the United States. This variant differentiates itself through its rear-wheel-drive layout – removing the front power unit takes approximately 200 pounds of weight from the front of the car.

The MSRP for the new 2021 Taycan is $79,900, not including the $1,350 delivery, processing and handling fee. Like all other Taycan models, it also qualifies for a federal tax credit of up to $7,500. EPA estimated range will be available before model launch. The 2021 Taycan is expected to arrive at U.S. dealerships starting early Spring 2021

Power unit

The Taycan shares the same rear power unit and battery architecture as the Taycan 4S, and utilizes a permanent magnet synchronous electric motor with a rotor diameter of 245 mm and length of 130 mm, as well as a 600-amp pulse inverter. Like all other Taycan variants, the Taycan benefits from a two-speed transaxle to provide strong and seamless acceleration, with efficient highway cruising.

Two battery configurations are available. The Performance Battery features a gross capacity of 79.2 kWh and can charge at up to 225 kW. The larger Performance Battery Plus weighs approximately 170 pounds more, features a gross capacity of 93.4 kWh and can charge at up to 270 kW. Regardless of size, both take just 22.5 minutes to charge from 5% to 80% when the appropriate battery state of charge and temperature are met, and the car is connected to a compatible high-speed DC fast charger.

These two battery configurations also determine performance potential. The standard Performance Battery provides the power to produce up to 402 horsepower (300 kW) and 254 pound-feet of torque from the Taycan's single rear motor. When equipped with the optional Performance Battery Plus, the motor can produce up to 469 hp (350 kW) and 263 lb-ft of torque. Regardless of battery configuration, the Taycan can accelerate from 0-60 mph in just 5.1 seconds and has a top track speed of 143 mph. With the standard battery, the Taycan covers the quarter mile in 13.7 seconds, while the larger pack shortens the sprint to 13.5 seconds.

Brakes and chassis systems

The Taycan comes standard with 19-inch Taycan Aero wheels, six-piston front brakes and four-piston rear brakes. This setup is similar to the Taycan 4S, but the color of the wheels and the calipers differ. The Taycan will feature black calipers and alloy wheels painted in brilliant silver as standard, while the 4S is equipped with red calipers and polished alloy wheels with high gloss black spokes. As on other Porsche Taycan models, Porsche Surface Coated Brakes and Porsche Ceramic Coated Brakes, as well as 20- and 21-inch wheels are optional. Regenerative braking via the brake pedal remains, as does its class-leading 265 kW recuperation rate.

Typical of Porsche sports cars, Porsche Active Suspension Management is standard. This function serves to adjust the dampers to suit the ride from soft for comfortable highway cruising to stiff for the track or mountain road. For maximum flexibility, the suspension setting can be controlled independently via the touch screen or dash button or together with powertrain calibration via the touch screen or optional steering wheel mounted mode dial. Adaptive air suspension can be ordered as an option.

Typical Taycan

Even in rear-wheel drive layout, the Taycan still expresses all the performance attributes of its more powerful siblings. With a coefficient of drag of just 0.24, it remains the most aerodynamically efficient production Porsche (when equipped with the optional air suspension the figure drops to 0.22). The low-slung battery gives the Taycan the lowest center of gravity of any road-legal Porsche. And the rear-wheel drive Taycan adds one more superlative: it is the most powerful standard model variant Porsche has made.

Detail shots of the new Taycan

Distinguishing features of the Taycan within its model family include aerodynamically optimised 19-inch Taycan Aero wheels and black anodised brake callipers. The front apron, side sills and rear diffuser in black are the same as those on the Taycan 4S. LED headlights are fitted as standard.

Unique interior design

The cockpit of the Taycan signalled the start of a new era in 2019 with its clear structure and completely new architecture. The free-standing curved instrument cluster forms the highest point on the dashboard. This places a clear focus on the driver axis. Other elements include a central 10.9-inch infotainment display and an optional display for the front passenger.

The interior of the new Taycan

The same features found on other Taycan variants are all here: Porsche Connect with Apple CarPlay, Function on Demand, Plug and Charge, Apple Music, over the air updates, and three-years of free Electrify America charging—all included with the car as standard. Additional optional equipment such as Porsche InnoDrive with Traffic Jam Assist, a 19.2 kW on-board charger, Head Up Display, 14-way seats with massage functionality, upgraded audio systems, and multiple exterior colors and interior trims are available to choose from- all in a Porsche typical sports car drive train layout. Taycan buyers will be able to track the progress of their car from their smartphone, from build to delivery, through the Porsche Track Your Dream service, also available for the 911.

Successful year for the Taycan

Porsche has made a successful start to the all-electric age, delivering just over 20,000 Taycans to customers worldwide in 2020. In the U.S., more than 4,400 Taycans were delivered last year.

The electric sports car has already received around 50 international awards, above all in its principal markets of Germany, the US, the UK and China. The new rear-wheel drive Taycan also holds the Guinness World Record™ for the longest drift with an electric car, having been driven sideways non-stop for exactly 42.171 kilometres.

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Consumption data

Taycan Turbo (Predecessor model)

Taycan with Performance Battery (Predecessor model)

Taycan with Performance Battery (Predecessor model)

Taycan 4S with Performance Battery (Predecessor model)

Taycan Turbo S (Predecessor model)

Taycan with Performance Battery Plus (Predecessor model)

*Further information on the official fuel consumption and the official specific CO_2 emissions of new passenger cars can be found in the "Leitfaden über den Kraftstoffverbrauch, die CO_2-Emissionen und den Stromverbrauch neuer Personenkraftwagen" (Fuel Consumption, CO_2Emissions and Electricity Consumption Guide for New Passenger Cars), which is available free of charge at all sales outlets and from DAT (Deutsche Automobil Treuhand GmbH, Helmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen, www.dat.de).

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Title: Taycan, 2021, Porsche AG
Subline: The new Taycan

Path: media/Images/img_2.jpg
Title: Taycan, 2021, Porsche AG
Subline: The new Taycan is available with two sizes of battery

Path: media/Images/img_3.jpg
Title: Taycan, Taycan 4S, Taycan Turbo, Taycan Turbo S, 2021, Porsche AG
Subline: The Taycan model range

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