The all-rounder among e-sports cars

Cet article reflète les informations disponibles au moment de sa publication. Certaines informations peuvent ne plus être à jour.

16/07/2020 The new Porsche Taycan Cross Turismo features all the strengths of the Taycan, such as superior performance and long range. Added to this, there is more headroom for rear-seat passengers and a maximum luggage compartment capacity of over 1,200 liters behind the large tailgate. And the chassis is height-adjustable with standard all-wheel drive and air suspension.

The new Porsche Taycan Cross Turismo has been on the market since summer 2021. The anticipated five largest markets for this Taycan version are the US, the UK, Norway, Sweden, and Germany. Visually, it is closely based on the Mission E Cross Turismo concept study presented at the Geneva International Motor Show in 2018: The silhouette is defined by the sporty, falling roofline towards the rear—dubbed the “flyline” by Porsche designers. The off-road design elements include wheel arch trim, unique lower aprons at the front and rear, and the side sills. In combination with the Off-Road Design package, the Cross Turismo has special flaps at the corners of the front and rear bumpers and at the ends of the sills. These provide a striking exterior while also protecting against stone impacts. Like the Taycan sports saloon, the new Cross Turismo features innovative elements such as the glass-effect Porsche lettering in the light bar.

The integrated Porsche 4D Chassis Control analyzes and synchronizes all chassis systems in real time. Porsche uses a centrally networked control system for the chassis of the Taycan Cross Turismo. Adaptive air suspension with three-chamber technology including PASM (Porsche Active Suspension Management) electronic damper control system is fitted as standard to all Taycan Cross Turismo models. The air suspension includes a Smartlift function as standard. This allows the customer to easily specify that the vehicle level should be raised automatically at certain recurring points such as road humps or garage driveways. One press of the chassis button is all it takes to save such positions.

Gravel mode driving program

The Taycan Cross Turismo comes with the additional Gravel mode driving program as standard for driving on light terrain, for example on gravel tracks or a mud- dy road. The vehicle level is raised by 30 millimeters compared to the saloon.

Gravel Mode also influences the Porsche Active Suspension Management (PASM), Porsche Traction Management (PTM), Porsche Torque Vectoring Plus (PTV+), Porsche Stability Manage- ment (PSM), as well as the rear-axle transmission. The latter shifts in a traction-optimized manner. The car's throttle characteristics have also been specially designed for off-road use in terms of power delivery and control precision.

All Taycan Cross Turismo models have two electric motors on the front and rear axles, which means they come with all-wheel drive as standard. Both the range and the continuous power of the drive benefit from the high efficiency of the permanently excited synchro- nous motors. The electric motor, transmission, and pulse-controlled inverter are combined in a compact drive module. The possible recuperation power has been increased once again and, at up to 290 kW, is significantly higher than that of the competition. The streamlined aerodynamics with a Cd value as low as 0.26 make a decisive contribution to low energy consumption and thus to a long range. The measures relating to Porsche Active Aerodynamics (PAA) include the adjustable air intakes at the front. The roof spoiler in the rear is fixed.

The Taycan Cross Turismo operates on a system voltage of 800 volts (voltage range 610 V to 835 V) instead of the 400 V commonly found in electric cars. Inside the standard two-deck Performance Battery Plus sit 33 cell modules, each consisting of twelve individual cells (396 total). The total capacity is 93.4 kWh. At home, Taycan Cross Turismo drivers can charge their vehicle with up to 11 kW of alternating current (AC) as standard. An on-board charger with 22 kW is available as an optional extra. On the road, Taycan Cross Turismo drivers benefit from the sophis- ticated temperature management strategy for the battery. By heating the cells with pinpoint accuracy when approaching a high-power charging station, the batteries can be charged with higher currents (direct current, DC) and thus particularly quickly: Energy for a range of up to 100 km (according to WLTP) is recharged in around five minutes.

Extensive standard equipment

Porsche has upgraded the standard equipment for the 2021 model year. The Cross Turismo models natu- rally also benefit from this. Digital radio is standard. Digitally broadcast radio programs in DAB, DAB+, and DMB audio formats offer significantly better sound quality. Porsche has also expanded the standard package in terms of connectivity. For example, Apple® podcasts can now be selected as a separate media source.

With LED headlights, Advanced Climate Con- trol (two zones), multifunction sports steering wheel, partial leather interior, and eight-way electrically adjustable comfort seats, the standard equipment in the Taycan 4 Cross Turismo and Taycan 4S Cross Tur- ismo is already extensive. For the Taycan Turbo Cross Turismo, 14-way electrically adjustable comfort seats come as standard. The Taycan Turbo S Cross Turismo features,amongotherthings,18-wayelectricallyad- justable adaptive sports seats, a leather-free two-tone interior as well as rear-axle steering, Sport Chrono package, and Porsche Electric Sport Sound.

With Functions on Demand (FoD), Taycan drivers can additionally purchase various convenience and assist functions as needed. The great thing: This also works after the purchase and original configuration of the vehicle. A visit to the workshop is not necessary due to on- line activation. This is currently possible for the Porsche Intelligent Range Manager (PIRM), Power Steering Plus, Active Lane Keeping and Porsche InnoDrive.

Sporty accessories

With the eBike Sport and the eBike Cross, Porsche is simultaneously presenting two e-bikes that are an ideal match for the Taycan Cross Turismo. Porsche has also developed a rear rack for up to three bikes for the new electric sports car, which sets standards in terms of pack size and handling. At the same time,it can be used universally for different types of bikes. The tailgate can also be opened when the vehicle is loaded. Roof boxes are also available from Porsche Tequip- ment for the Taycan and Taycan Cross Turismo model series—including a new performance model that has been tested and approved for higher speeds. The latter includes crossbars for the roof rails of the Taycan Cross Turismo.

Info

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