

Products Jun 8, 2018

Mission E becomes Taycan

The future of mobility: The first purely electric Porsche has now been given its official name: Taycan.



The name can be roughly translated as "lively young horse", referencing the imagery at the heart of the Porsche crest, which has featured a leaping steed since 1952. "Our new electric sports car is strong and dependable; it's a vehicle that can consistently cover long distances and that epitomises freedom", explains Oliver Blume, Chairman of the Executive Board of Porsche AG. The oriental name also signifies the launch of the first electric sports car with the soul of a Porsche. Porsche announced the name for its first purely electric series as part of the "70 years of sports cars" ceremony.

Two permanently excited synchronous motors (PSM) with a system output of over 600 hp (440 kW) accelerate the electric sports car to 100 km/h in well under 3.5 seconds and to 200 km/h in under twelve seconds. This performance is in addition to a continuous power level that is unprecedented among electric vehicles: Multiple jump starts are possible in succession without loss of performance, and the vehicle's maximum range is over 500 km in accordance with the NEDC.

PORSCHE

Taycan

... means the equivalent of 'spirited young horse'

Link with the Porsche emblem: it has depicted a leaping horse since 1952
The name has its linguistic roots in the East

1,200 new jobs
The Taycan will create around 1,200 new jobs in Zuffenhausen alone

Engine plant conversion
Conversion of the existing engine plant for the production of electric drives, extended body construction department

Own factory
New paint shop and dedicated assembly facility, conveyor bridge for supplying painted bodywork and drive units to the final assembly

€6 billion investment
By 2022, Porsche will invest over €6 billion in e-mobility

Development
Around €500 million will go towards the development of variants and derivatives of the Taycan

Innovations
Around €700 million will boost new technologies, charging infrastructure and smart mobility

'Our new electric sports car is powerful and active; a car that stays the course over long distances and embodies freedom.'

Oliver Blume, CEO of Porsche AG

> 440 kW (600 hp)
system power

> 500 km
range

100 km in 4 mins
charging time

800 V
system voltage

Lasting performance
Accelerate over and over again without losing performance

Acceleration
0 – 100 km/h: < 3.5 s
0 – 200 km/h: < 12 s

Names with real meaning

At Porsche, the vehicle names generally have a concrete connection with the corresponding model and its characteristics: The name Boxster describes the combination of the boxer engine and roadster design; Cayenne denotes fieriness, the Cayman is incisive and agile, and the Panamera offers more than a standard Gran Turismo, which is what allowed it to win the Carrera Panamericana long-distance race. The name Macan is derived from the Indonesian word for tiger, with connotations of suppleness, power, fascination and dynamics.

Future investment doubled

Porsche plans to invest more than six billion euro in electromobility by 2022, doubling the expenditure that the company had originally planned. Of the additional three billion euro, some 500 million euro will be used for the development of Taycan variants and derivatives, around one billion euro for electrification and hybridisation of the existing product range, several hundred million for the expansion of production sites, plus around 700 million euro for new technologies, charging infrastructure and smart mobility.



Extensive modifications and expansion at the Zuffenhausen headquarters

At the Porsche headquarters in Zuffenhausen, a new paint shop, dedicated assembly area for the Taycan and a conveyor bridge for transporting the painted bodies and drive units to the final assembly area are currently being constructed. The existing engine plant is being expanded to manufacture electric drives and the body shop will also be developed. Investment is also planned for the Weissach Development Centre. Production of the Taycan is creating around 1,200 new jobs in Zuffenhausen alone.

70 years of the Porsche sports car

The sports car manufacturer is celebrating its anniversary with numerous activities throughout 2018. For the weekend of June 16–17, Porsche will host employees, local residents and prospective customers at a celebration in and around the plant in Stuttgart. The event will include activities for visitors both young and old, plant tours, music, food trucks, live coverage of the 24 Hours of Le Mans and the broadcast of the World Cup game between Germany and Mexico. Entry is free of charge.

Consumption data

Model Line 718 Boxster: Fuel consumption combined 9.0 – 6.9 l/100 km; CO2 emissions 205 – 158 g/km

Model Line 718 Cayman: Fuel consumption combined 9.0 – 6.9 l/100 km; CO2 emissions 205 – 158 g/km

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Media Package

<https://newsroom.porsche.com/media-package/porsche-mission-e-xxxx-name-of-series-production-electric-sports-car-concept-study>

Downloads

Mission E: Porsche's first fully electric sports car is named Taycan, press release, 06/09/2018, Porsche AG
Taycan, infographics, 2018, Porsche AG

Videos

<https://player.vimeo.com/video/274133567>

<https://www.youtube.com/embed/HdYg2EPMkil>

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