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#### Porsche – our journey to date



Iconic heritage & modern luxury

Superior luxury portfolio & BEV transformation

**Great execution & financial strength** 

# Porsche – key facts

302 k

Deliveries 13.7 % BEV share

€ 3.7<sub>bn</sub>

Automotive net cash flow<sup>3</sup>

9.0 %

Group revenue<sup>1</sup> CAGR 2017-21 € 33.1 bn group revenue

**21.3** %

Automotive after tax return on investment<sup>4</sup>

16.0%

Return on sales (RoS)<sup>2</sup> € 5.3 bn group operating profit

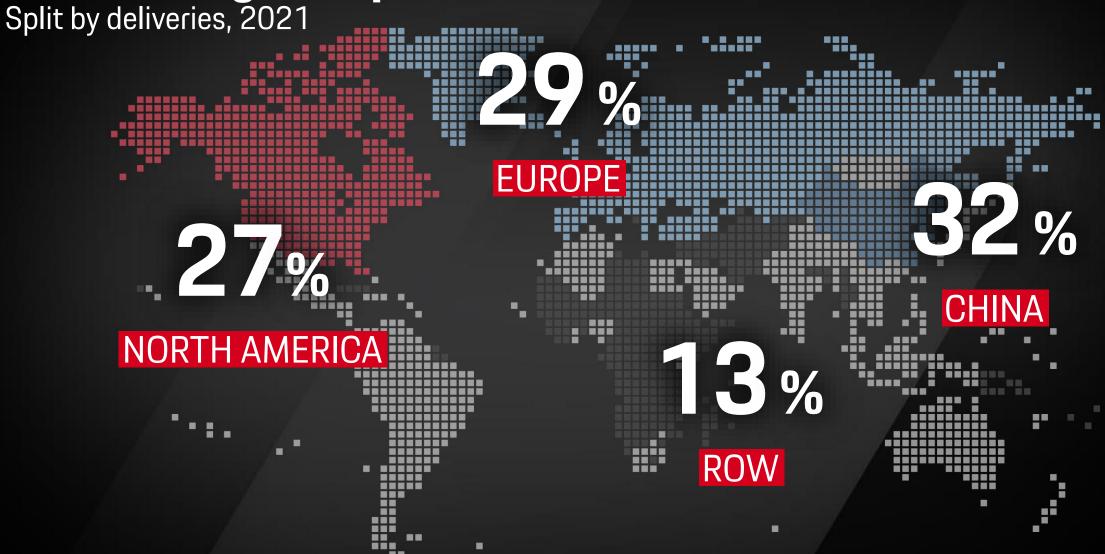
24.5 %

Automotive EBITDA margin € 7.4 bn automotive EBITDA<sup>5</sup>

<sup>1.</sup> Dr. Ing. h.c. F. Porsche Aktiengesellschaft and its consolidated subsidiaries ("group") sales revenue | 2. Ratio of group operating profit to group revenue | 3. Cash flows from automotive operating activities less cash flows from automotive investing activities of current operations | 4. Ratio of automotive operating profit after tax to average invested capital | 5. Automotive operating profit plus depreciation/amortization and impairment losses/reversals of impairment losses on automotive property, plant and equipment, automotive capitalized development costs and other automotive intangible assets



Porsche – global presence in 120+ markets<sup>1</sup>



1. One market equals one country | Note: Not adding up to 100 % due to rounding: North America (26.6 %), Europe (28.5 %), China (31.7 %), RoW (13.1 %)

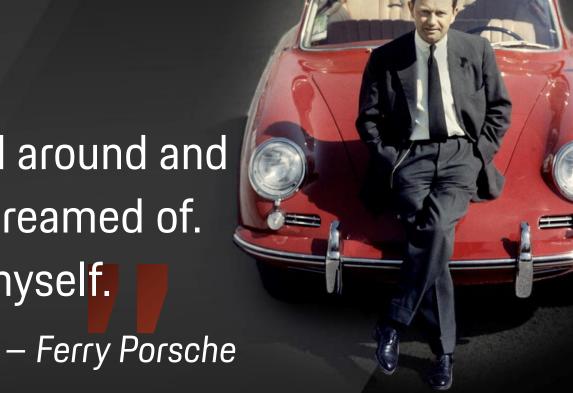
## Porsche – key differentiators

- >> Iconic **brand** and **heritage**
- Performance culture
- >> Structural **growth**
- Electrification, tech and sustainability
- Luxury with scale benefits
- Consistently stellar financial profile



#### Our mission

In the beginning I looked around and could not find the car I dreamed of.
So I decided to build it myself.





## Our brand – modern luxury



MOST VALUABLE LUXURY BRAND<sup>1</sup>

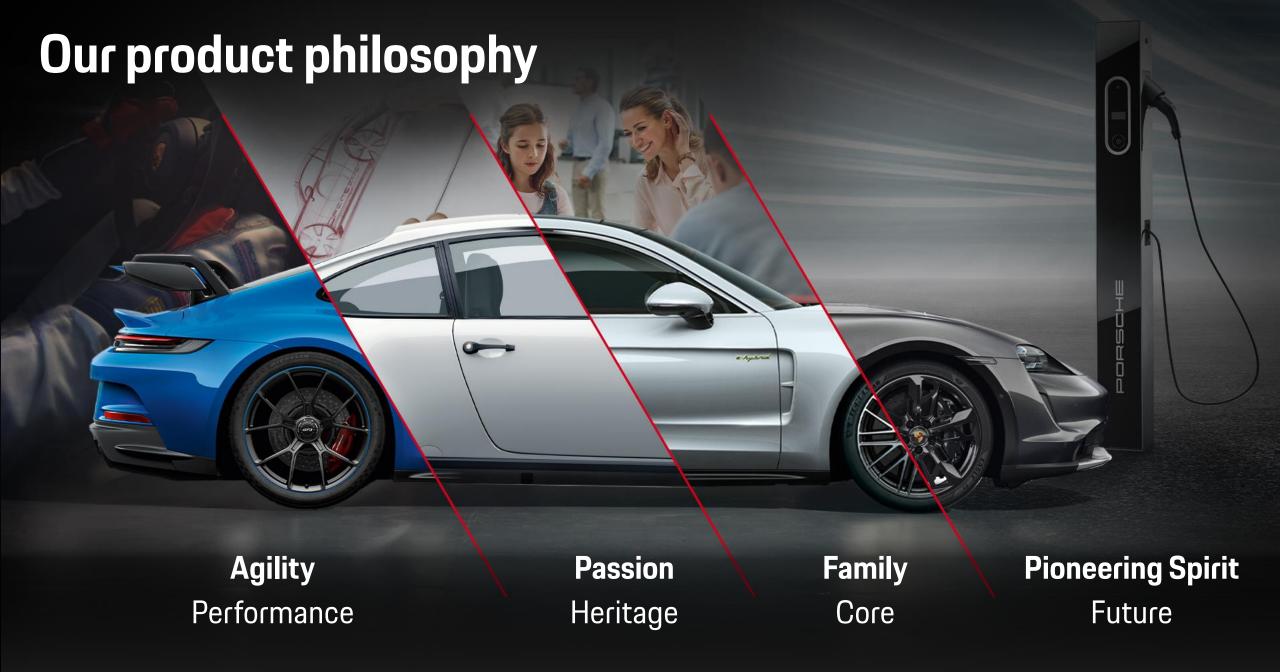
Pioneering Spirit & Tradition

Exclusiveness & Likeability

Design & Function

Performance & Sustainability

1. Most valuable luxury brand worldwide since 2017 among major luxury and automotive players (2021: Aston Martin, Bentley, Cartier, Chanel, Ferrari, Hermès, Lamborghini, Louis Vuitton, Maserati, McLaren, Rolls Royce Motor Cars) according to Brand Finance



## Iconic brand and heritage translated into modern luxury



### The 911 – our icon



#### **Dream for generations**

1+ mn units sold since 1964

1. Based on actively registered 911 models in 2021

#### Timeless design

8 generations, 1 iconic design

#### Collectors' car

70+ % still on the road<sup>1</sup>

### Success story of new product launches

Deliveries<sup>1</sup>, in '000 cars



<sup>1.</sup> Total Porsche deliveries in respective year | 2. Total vehicle production in calendar year 1964



Attracting and retaining entrepreneurial talent



80+%

Employees recommend Porsche<sup>1</sup>

# Top employer

Consistent top rankings<sup>2, 3</sup>

1. Glassdoor company information, April 2022: Porsche AG in best position among major luxury & automotive players (incl. Cartier, Chanel, Ferrari, Gucci, Hermès, LVMH, McLaren, Richemont, Rolex). Glassdoor award "Best Employer 2020" Germany | 2. Trendence Graduate Survey 2020, 2021, Porsche AG top 5 in Economics & Engineering in Germany | 3. Universum, Porsche AG in top 5 (Student Survey), top 2 (Professionals Survey), 2017-21, in Engineering & Business in Germany

## Technology — innovations from the racetrack to the road



Lightweight composites

Turbocharged engine Dual clutch gearbox

Composite brakes

Lowfriction coatings High- 800 volt performance technology HEV

#### Global structural growth fundamentals

Expected global CAGRs, 2021-2026



HNWI<sup>1</sup>

9 % CAGR

SUV segment<sup>2</sup>

6 % CAGR

BEV segment<sup>3</sup>

34 % CAGR

Note: The figures for fuel consumption, electric range, energy consumption and CO₂ emissions are included in the glossary | 1. Number of high-net-worth individuals (€ 1-30 mn liquid assets), Knight Frank Wealth report | 2. Unit sales data, S&P Global Mobility Light Vehicle Sales Forecast, April 2022 | 3. Unit production data, S&P Global Mobility Light Vehicle Powertrain + Alternative Propulsion Forecast, April 2022



## Luxury pricing Superior luxury portfolio

More than 2x revenue per car<sup>1</sup> with further upside

Sports Cars, Sports Limousines, Sports Utility Vehicles

14 % deliveries in 2021 (ambition 80+ % in 2030)

Note: The figures for fuel consumption, electric range, energy consumption and CO<sub>2</sub> emissions are included in the glossary | 1. Ratio Porsche AG automotive sales revenue to number of deliveries 2021 compared to average premium OEMs' average revenue per car (Audi, BMW, Mercedes-Benz, Tesla, Volvo Cars, as per annual reports)

## Opportunities in high margin segments





#### **New customers**

Increasingly attracting women and millennials

#### New tech

New tech-enabled business models such as charging, data

## **New offerings**

In Porsche Exclusive, specials, Porsche Lifestyle

## Taycan — highly awarded and successful luxury BEV



Most

Innovative car globally in 2020<sup>1</sup>

35+

Awards since 2019

40+ k

Deliveries in 2021

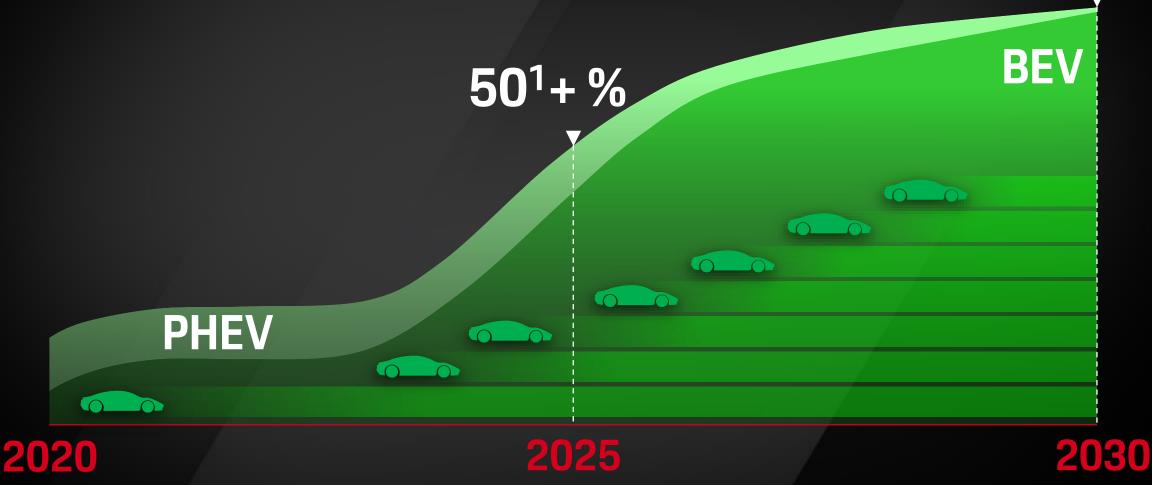
60+%

First time Porsche buyers<sup>2</sup> since 2019

Note: The figures for fuel consumption, electric range, energy consumption and CO<sub>2</sub> emissions are included in the glossary | 1. Automotive-INNOVATIONS-Award declared by Center of Automotive Management | 2. Global share of new customers among Taycan customers

#### BEV ambition - 80+ % BEV share in 2030

Share of deliveries p.a., in %



Note: Illustrative, use of silhouettes not indicative of cycle plan | 1. Including PHEV and BEV

## Innovative BEV technology and ecosystem



#### Performance

Engine and battery (incl. oil cooling)

#### **Efficiency**

800 kW<sup>1</sup> recuperation

# Charging

350 kW/900 volt<sup>1</sup> turbo charging

## **Ecosystem**

From battery cells to infrastructure

<sup>1.</sup> Porsche Mission R (Concept car)

#### Porsche differentiation



Design



Driver experience



Quality



**Performance** 



**Fast travelling** 



Sustainability



Note: The figures for fuel consumption, electric range, energy consumption and CO<sub>2</sub> emissions are included in the glossary

## Porsche digital driver experience



Own Porsche competence

Technology partnerships across ecosystems

Leverage Volkswagen toolkit

## Digital transformation



## Established ESG strategy – integral part of our business



**Decarbonization** 



Partner to society



Circular economy



Diversity

Governance & transparency

# Ambition to be CO<sub>2</sub> net neutral in 2030 Across global value chain<sup>1</sup>



CO<sub>2</sub> footprint of main R&D and production sites<sup>2</sup> today

Future BEV model releases: aim for CO<sub>2</sub> net neutrality

Decarbonization

Ambitious targets and stringent tracking

Note: The figures for fuel consumption, electric range, energy consumption and CO<sub>2</sub> emissions are included in the glossary | 1. Scope 1, 2 & 3 emissions as defined per Greenhouse Gas Protocol | 2. Zuffenhausen, Leipzig and Weissach

## Unique position of luxury

**Revenue per car**<sup>1</sup>, in € '000, 2021



<sup>1.</sup> Ratio automotive sales revenue to deliveries | 2. Aston Martin, Bentley, Ferrari, Lamborghini, Maserati, McLaren (annual reports) | 3. Audi, BMW, Mercedes-Benz, Tesla, Volvo Cars (annual reports)

## Luxury – fulfilling individual customer dreams



**Limited editions** 

**Porsche Exclusive** 

**Customization** 

Note: The figures for fuel consumption, electric range, energy consumption and CO<sub>2</sub> emissions are included in the glossary

## Luxury – creating unique experiences



10 Porsche Experience Centers worldwide

100+ k drives<sup>1</sup> in 2019

**Destination Porsche** 

New retail formats

Porsche Marketplace

12 mn visitors in 2021

Note: The figures for fuel consumption, electric range, energy consumption and CO<sub>2</sub> emissions are included in the glossary | 1. Includes drives in Porsche Experience Centers, Porsche Driving Centers, PAG Experience offering — due to COVID-19 restrictions 2020-2021 not representative

## Strategic independence while synergies remain



Focus on own core competencies
Technology,
battery cells & systems

Strategic flexibility

Partnerships and VC investments

Volkswagen ecosystem
Base technologies, purchasing scale

Note: The figures for fuel consumption, electric range, energy consumption and CO<sub>2</sub> emissions are included in the glossary

#### Porsche economic model

Key facts, 2021

# **€** 100 k

- Average revenue per car<sup>1</sup> more than 2x premium OEMs<sup>2</sup>
- Lean cost structure & scale
- **Significant BEV-focused** investments executed

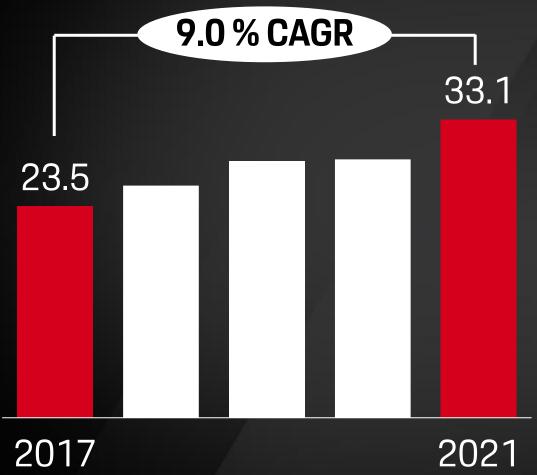
Automotive EBITDA margin<sup>3</sup>

Automotive net Automotive net cash flow margin<sup>4</sup>

1. Ratio of automotive sales revenue to deliveries | 2. Average premium OEMs' average revenue per car (Audi, BMW, Mercedes-Benz, Tesla and Volvo Cars, as per annual reports) | 3. Ratio of automotive EBITDA to automotive sales revenue | 4. Ratio of automotive net cash flow to automotive sales revenue

## Strong growth track record ...

Group revenue, in €bn



- ... with future growth levers
- Luxury and SUV growth forecasted<sup>1</sup>
- Leading BEV transition<sup>2</sup>
- Portfolio expansion
- Mix improvement

1. Global HNWI CAGR 2021-2026 at 9 %, Knight Frank Wealth report; Global SUV CAGR 2021-2026 at 6 %, S&P Global Mobility Light Vehicle Sales Forecast, April 2022 | 2. Porsche with faster transition from ICE to BEV compared to average premium and luxury OEMs as per S&P Global Mobility Light Vehicle Powertrain + Alternative Propulsion Forecast, April 2022, 2021-2029



## Profit expansion ...

Group operating profit, in €bn



- ... with further potential
- Luxury pricing
- Scale from BEV platforms
- Leveraging partnerships
- Profit improvement programs

Note: 2019, excl. special factor Diesel topic of € 535 mn

## Goal — high margins throughout transformation



#### Investments

BEV, digitalization and new model launches

€ 10 bn<sup>1</sup>

Cumulative gross impact (2019-25) funding the transformation

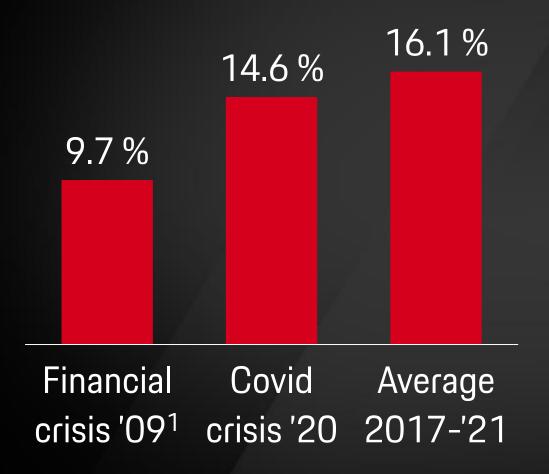
€3bn<sup>1</sup>

Avg. gross impact p.a. 2025+, basis for further improvement

<sup>1.</sup> Gross target impact from additional business and efficiencies on operating profit before any countereffects

## Increased resilience in operating margins ...

Reported group RoS, in %



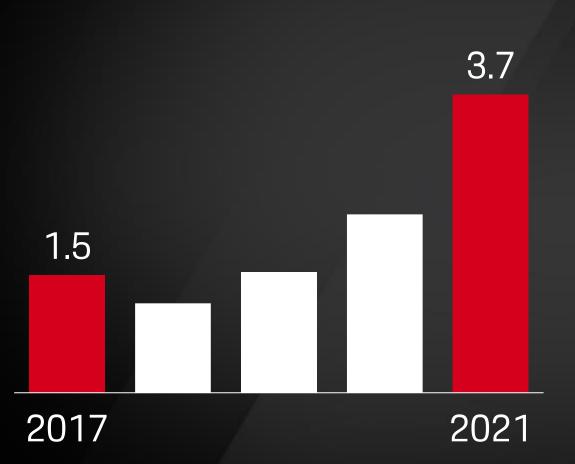
#### ... in challenging markets

- Ability to adapt and react quickly
- Financially strong customer base
- Continuous fixed cost optimization
- Structural improvements over time

<sup>1.</sup> Group RoS in fiscal year 2008/2009 | Note: Only 2019 adjusted, excl. special factor Diesel topic 2019 of € 535 mn

## Sustainable automotive net cash flow generation ...

Automotive net cash flow<sup>1</sup>, in €bn



#### ... despite significant past investment

- Clear capital efficiency targets
- Focused tech and R&D investments
- >> Well-invested tech and asset base
- BEV-focused investment plan

1. Cash flows from automotive operating activities less cash flows from automotive investing activities of current operations

## Porsche – a unique story

- Global iconic luxury brand
- >>> Technology leadership in key growth segments
- >>> Growth in luxury product and services portfolio
- >>> Clear ambition to become CO<sub>2</sub> net neutral in 2030
- >>> Platform for digital and sustainability partnerships
- >> Increased corporate independence
- Unlock further potential to drive our performance culture







### Glossary

Automotive EBITDA: Automotive operating profit plus depreciation/amortization and impairment losses/reversals of impairment losses on property, plant and equipment, capitalized development costs and other intangible assets (each in the automotive segment)

Automotive net cash flow: Cash flows from automotive operating activities less cash flows from automotive investing activities of current operations

BEV: 100% battery electric vehicle as defined per S&P Global Mobility

CAGR: Compound annual growth rate; ending value divided by beginning balanced with an exponent of 1 divided by the number of years minus 1

**Deliveries**: Handovers of new vehicles to the end customers

**Destination Porsche:** New retail formats implemented within various touchpoints such as Porsche Center (Core Format), Porsche Studio, Sales Pop-up, Porsche Now (Urban Format) and Satellite Porsche Center, Service Factory, Porsche Approved Center and Express City Service Center (Extended formats)

EBIT: Earnings before interest and tax (equal to operating profit)

**EBITDA:** Operating profit plus depreciation/amortization and impairment losses/reversals of impairment losses on property, plant and equipment, capitalized development costs, other intangible assets **Fast Travelling:** Products that enable fast travelling for customers (e.g., Porsche Taycan with top speed of 260 kph and 800-volt technology, that allows for battery charging sufficient for 100km range in 5 minutes and 80% battery charging in 22.5 minutes), Model Range Taycan Sports Sedan: Electrical consumption combined: 27.0–25.4 kWh/100 km (NEDC); 24.1–19.6 kWh/100 km (WLTP); CO2 emissions combined: 0 g/km (NEDC); 0 g/km (WLTP); Electric range: 370–512 km; Electric range City: 440–630 km; Status 05/2022)

Group: Dr. Ing. h.c. F. Porsche Aktiengesellschaft and its consolidated subsidiaries

kW: Kilowatt

ICE: Internal combustion engine as defined per S&P Global Mobility

**HEV**: Hybrid electric vehicle

**HNWI**: High net worth individuals (€ 1-30 mn liquid assets) as defined per Knight Frank Wealth report

**OEM** Original equipment manufacturer

Return on investment (automotive segment): Ratio of operating profit after tax to average invested capital

PHEV: Plug-In hybrid electric vehicle as defined per S&P Global Mobility

Return on sales: Ratio of operating profit to sales revenue

Scope 1 emissions: Direct emissions from owned or controlled sources as defined per Greenhouse Gas Protocol

Scope 2 emissions: Indirect emissions from the generation of purchased energy as defined per Greenhouse Gas Protocol

Scope 3 emissions: All indirect emissions (not included in scope 2) that occur in the value chain of the reporting company, including both upstream and downstream emissions as defined per Greenhouse Gas Protocol

Special factor Diesel topic: Emission-related fine of public prosecutor's office in Stuttgart amounting to € 535 mn

**SUV**: Sports utility vehicle



## Range/consumptions/emissions

Model	Fuel consumption combined (WLTP)	Electrical consumption combined (WLTP)	CO <sub>2</sub> emissions combined (WLTP)	Electric range combined (WLTP)	Electric range in City (WLTP)	Fuel consumption combined (NEDC)	Electrical consumption combined (NEDC)	CO <sub>2</sub> emissions combined (NEDC)
911 Targa 4 GTS (P.3)	11.3 – 10.8 I/100km	n/a	257 – 245 g/km	n/a	n/a	10.7 – 9.9 I/100km	n/a	243 – 227 g/km
911 Targa 4S Heritage Design Edition (P. 20, 32)	11.1 – 10.7 I/100km	n/a	253- 244 g/km	n/a	n/a	9.9 I/100km	n/a	227 g/km
911 GT3 (P. 34)	13.0 – 12.9 I/100km	n/a	294 – 293 g/km	n/a	n/a	13.3 – 12.4 I/100km	n/a	304 - 283 g/km
911 Sport Classic (P. 20)	12.6 l /100km	n/a	285 g/km	n/a	n/a	12.8 I/100km	n/a	292 g/km
Cayenne (P.6, 13, 15)	12.5 - 11.5l/100km	n/a	283 - 259 g/km	n/a	n/a	9.4 – 9.2 I/100km	n/a	215 - 210 g/km
Panamera Models (combustion engine), (P.6, 13, 15)	13.3 - 10.2I/100km	n/a	302 - 232 g/km	n/a	n/a	11.1 – 8.6 I/100km	n/a	253 - 197 g/km

Note: Range/consumptions/emissions as of 05/2022



## Range/consumptions/emissions

Model	Fuel consumption combined (WLTP)	Electrical consumption combined (WLTP)	CO <sub>2</sub> emissions combined (WLTP)	Electric range combined (WLTP)	Electric range in City (WLTP)	Fuel consumption combined (NEDC)	Electrical consumption combined (NEDC)	CO <sub>2</sub> emissions combined (NEDC)
Model Range Taycan Sports Sedan (P.6, 13, 15, 22, 42)	24.1 – 19.6 kWh/100km	n/a	0 g/km	370 - 512 km	440 - 630 km	n/a	27.0 – 25.4 kWh/100km	0 g/km
Taycan 4S (P.30)	24.1 – 19.8 kWh/100km	n/a	0 g/km	370 – 512 km	454 – 611 km	n/a	25.8 – 25.4 kWh/100km	0 g/km
Taycan Turbo S (P. 23, 33)	23.4 – 21.9 kWh/100km	n/a	0 g/km	440 – 468 km	524 – 573 km	n/a	26.0 kWh/100km	0 g/km
Taycan 4S Cross Turismo (P. 26)	24.7 – 20.4 kWh/100km	n/a	0 g/km	358-497 km	449–603 km	n/a	26.1–25.7 kWh/100 km	0 g/km
Model Range Taycan Cross Turismo (P. 29)	26.4–21.2 kWh/100 km	n/a	O g/km	415 – 490 km	517 – 616 km	n/a	28.1–26.2 kWh/100 km	O g/km

Note: Range/consumptions/emissions as of 05/2022



## Range/consumptions/emissions

Model	Fuel consumption combined (WLTP)		CO <sub>2</sub> emissions combined (WLTP)	Electric range combined (EAER)	Electric range City (EAER City)	Fuel consumption combined (NEDC)	Electrical consumption combined (NEDC)	CO <sub>2</sub> emissions combined (NEDC)
Panamera 4 E-Hybrid Platinum Edition (P.19)	2.5 – 2.0 I/100km <sup>1</sup>	24.4 – 23.1 kWh/100km <sup>1</sup>	57 – 48 g/km <sup>1</sup>	49 - 54 km	52–55 km	2.2 – 2.1 I/100km	17.5 – 17.0 kWh/100km	49 - 47 g/km
Model Range 718 Cayman (P. 6, 13)	13.2 – 8.9 I/100km	n/a	299 – 201 g/km	n/a	n/a	12.3 – 8.1 I/100km	n/a	281 - 185 g/km
718 Boxster 25 Jahre (P. 15)	11.1 – 8.9 I/100km	n/a 	251 – 201 g/km	n/a 	n/a 	10.9 – 8.1 I/100km	n/a	249 – 185 g/km

Weitere Informationen zum offiziellen Kraftstoffverbrauch und den offiziellen spezifischen CO<sub>2</sub>-Emissionen neuer Personenkraftwagen können dem "Leitfaden über den Kraftstoffverbrauch, die CO<sub>2</sub>-Emissionen und den Stromverbrauch neuer Personenkraftwagen" entnommen werden, der an allen Verkaufsstellen und bei DAT (Deutsche Automobil Treuhand GmbH, Hellmuth-Hirth-Str. 1, 73760 Ostfildern, https://www.dat.de/co2/) unentgeltlich erhältlich ist.

A guide on fuel economy, CO2 emissions and electric power consumption which contains data for all new passenger car models is available at any point of sale free of charge and from DAT (Deutsche Automobil Treuhand GmbH, Hellmuth-Hirth Str. 1, 73760 Ostfildern-Scharnhausen, Germany, https://www.dat.de/co2/)

Note: Range/consumptions/emissions as of 05/2022 | 1. WLTP weighted

