



Media Information

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All-electric ID.7 Pro S¹ covers 794 km on one battery charge

- Maximum WLTP range of up to 709 km² significantly exceeded
- The vehicle was driven during the day on a defined route in actual traffic, which included both main through-roads and motorway sections
- ID.7 Pro S with 86-kWh battery³ (net) is designed for the greatest possible efficiency and is one of the electric vehicles with the highest range in its class

Driving the new all-electric ID.7 Pro S, the Volkswagen Team Switzerland headed by project lead Felix Egolf, an expert in long-distance driving with electric cars, successfully covered a total of 794 kilometres with a single battery charge in a net driving time of 15 hours and 42 minutes. This significantly exceeded the model's maximum WLTP range (combined) of up to 709 kilometres. The comfortable touring saloon was driven on public roads and in normal traffic flow throughout the entire daytime journey.



The ID.7 Pro S on the road in Switzerland

The vehicle was driven on an approximately 81-kilometre circuit in the Zug metropolitan area south of Zurich. The route profile was in line with everyday driving and included main through-roads, motorway sections and country roads with hilly transitions. Eight different drivers covered a total of 794 kilometres in two consecutive days on just one battery charge. This is roughly equivalent to the route from Basel to Emden in

northern Germany, where the ID.7 is built. The average consumption was an exceptionally low 10.3 kWh/100 km. In comparison, the lowest WLTP value of the model is 13.6. Converted to diesel, the average consumption achieved corresponds to only about 1.1 litres per 100 km.

The range of 794 km was driven during the day in normal traffic flow in the middle of last week – with an average speed of 51 km/h. The remaining range displayed was two kilometres. Another interesting detail: the model driven was not the most range-favourable equipment variant of the ID.7 Pro S. According to WLTP calculations, the vehicle, which features optional equipment such as the Comfort package, IQ.DRIVE assist systems package, Plus exterior package and a heat pump, would have reached a WLTP range of 700 km⁴.

Driving as far as possible with as little consumption as possible. Extremely energy-efficient driving is Felix Egolf's field of expertise, he is a so-called hypermiler. In 2020 and 2021, the Swiss driver completed two record-breaking drives in the ID.3: once, he significantly exceeded the theoretical range of the ID.3^{1st} from Zwickau in Saxony (Germany) to Schaffhausen (Switzerland) by covering 531 km. In the second record

Media contact

Volkswagen Communications
Product Communications

Philipp Dörfler
Spokesperson ID.7
Tel.: +49 53619 87633
philipp.doerfler@volkswagen.de

Volkswagen Communications
Francisca Volze
Spokesperson ID.7
Tel. +49 152 22 99 74 11
francisca.volze@volkswagen.de



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attempt with a larger battery, the ID.3 Pro S⁵ managed a total of 602 km on a single charge – across 15 Alpine passes and with 13,000 metres of altitude.

ID.7 Pro S – efficiency champion in the model series. Thanks to its new efficiency drive and excellent aerodynamics (drag coefficient of 0.23 depending on equipment), the ID.7 Pro S is economical on the road. Depending on optional equipment, a combined WLTP consumption of 16.2 to 13.6 kWh/100 km was determined for the ID.7 Pro S. With the most range-favourable equipment, the WLTP range is up to 709 km. The charging times are short: In 10 minutes – the time needed for a coffee break – energy for approx. 244 km flows into the battery at 200 kW⁶ charging power; in about 26 minutes it is charged again from 10 to 80 percent.

The optional Electric Vehicle Route Planner in the ID.7 is also helpful – this calculates an optimum route taking into account the current battery charge and the available charging stations along the route. It shows the driver the best charging points and plans the necessary charging stops to make the journey efficient. It also takes real-time traffic data into account to find the fastest and most convenient route.

¹⁾ ID.7 Pro S – Combined power consumption 16.2-13.6 kWh/100 km; combined CO₂ emissions 0 g/km; CO₂ class: A

²⁾ Range determined on the rolling road test bed in accordance with the Worldwide Harmonized Light Vehicles Test Procedure (WLTP) in the most range-favourable equipment variant. The actual WLTP range values may differ depending on the equipment. The actual range achieved under real conditions varies depending on the driving style, speed, use of comfort features or auxiliary equipment, outside temperature, number of passengers/load, topography and the ageing and wear process of the battery

³⁾ The stated net battery energy content is a typical battery value, regardless of the vehicle. It is determined with a constant load profile under defined boundary conditions and takes into account the full range of battery energy content that can be used in the vehicle until the vehicle comes to a standstill. The actual discharge energy may differ from this because it depends on the specific driving profile and the battery temperature. The homologated range specification according to the WLTP legislation corresponds to the usable discharge energy for a new vehicle.

⁴⁾ ID.7 Pro S with equipment – Combined power consumption 13.8 kWh/100 km; combined CO₂ emissions 0 g/km; CO₂ class: A

⁵⁾ ID.3 Pro S – Combined power consumption 16.4–15.6 kWh/100 km; combined CO₂ emissions 0 g/km; CO₂ class: A

⁶⁾ Maximum possible charging power. Different charging stations can differ in their charging behaviour for the same kW output. In addition to the kW output of the charging station, the maximum charging current also has an influence on the amount of energy flowing. Furthermore, the ambient and battery temperature as well as the

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state of charge influence the maximum possible charging power. The specified maximum charging power is determined under WLTP conditions at a temperature of approx. 23° C and a state of charge of five percent or more. If these variables change, the charging power may also deviate from the standard specification.

The Volkswagen Passenger Cars brand has a global presence and produces vehicles at 29 locations in 12 countries. In 2023, Volkswagen delivered about 4.9 million cars. These include bestsellers such as the Polo, T-Roc, T-Cross, Golf, Tiguan and Passat as well as the successful all-electric models of the ID. family. Last year, the company handed over about 394,000 all-electric vehicles to customers worldwide. About 170,000 people currently work at Volkswagen around the world. With its ACCELERATE strategy, the company is consistently driving forward its development into the most desirable brand for sustainable mobility.
