

Škoda Auto: Half a million battery systems produced for vehicles of the Volkswagen Group

- › At its main plant in Mladá Boleslav Škoda Auto produces battery systems for MEB vehicles and models with plug-in hybrid drive
- › The battery systems are used in electric models by Škoda, Volkswagen, Audi and SEAT
- › The capacity of MEB battery systems to increase to 1,500 units a day; start of operation of a new assembly line is planned this year

Mladá Boleslav, 27 April 2023 – Škoda Auto has manufactured 500,000 battery systems at its main plant in Mladá Boleslav. The strategically important components are mounted in MEB vehicles and models with plug-in hybrid drivetrain by the Group brands Škoda, Volkswagen, Audi and SEAT. This milestone proves: Škoda is forging ahead with the consistent implementation of its e-campaign. The car manufacturer is heavily investing in the necessary transformation of its facilities as well as development, digitalisation and further education of its workforce. The company has already upskilled more than 23,000 employees to prepare them for the demands of e-mobility.

Michael Oeljeklaus, Škoda Auto Board Member for Production and Logistics, says: “Battery systems are the key component for our successful transformation to e-mobility. The landmark jubilee of 500,000 Škoda-made battery systems for MEB and plug-in hybrid vehicles is an outstanding achievement: It testifies both the trust of the Volkswagen Group in our highly-skilled team and our uncompromising commitment to e-mobility. And we are even shifting up another gear soon: We will be opening an additional assembly line and further increase the daily production capacity of battery systems. We are therefore following our clearly defined roadmap in order to strengthen the Czech Republic as an e-mobility hub.”

Batteries for plug-in hybrid models produced since September 2019

High-voltage traction batteries for models with plug-in hybrid drive by Škoda as well as the group brands Audi, SEAT and Volkswagen have been produced at the company's headquarters since September 2019. Each shift sees around 50 employees working in an area of roughly 2,000 m². On top of that, a total of 13 fully automated robots are for example handling particularly heavy components. Every 86 seconds, a battery for MQB-based models with plug-in hybrid drivetrain is completed. When it is being unloaded from the production line the battery weighs approximately 130 kilograms.

Production of MEB battery systems launched in May 2022

In May 2022, Škoda Auto launched the production of battery systems for all-electric vehicles based on the Volkswagen Group's Modular Electrification Toolkit (MEB). The systems have a

capacity of 55 to 82 kWh and are installed in the company's own MEB models as well as MEB vehicles by Volkswagen and Audi. Along with the individual battery modules, each containing 16 cells or 24 cells, a MEB battery system also includes a case with an integrated cooling and a battery management system, as well as the necessary electrical connections. There are around 250 employees working at the current production line, in which Škoda Auto invested around 130 million euros. The car manufacturer will be commissioning another MEB assembly line in 2023, increasing its total production volume: the total capacity of MEB - 1,500 units and PHEV - 800 units battery systems together will thus increase to up to 2,300 units a day.

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Infographic and media images

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Battery systems are used in Škoda, Volkswagen, Audi and SEAT all-electric and plug-in models

The batteries for plug-in models are produced from 2019, MEB battery systems are made from 2022. The production capacity is about to rise this year to 2,300 units a day: 1,500 MEB batteries, 800 PHEV units.

What the battery system consists of?

MEB battery in numbers

- 16 or 24 cells
- 345–493 kg weight (the trend for growth for volume of growth)
- 55–82 kWh total capacity (depending up to 100 km of range)
- 2,3, 72 or 11 kW "home" charging (from vehicle, wallbox or public point)
- 52–77 kWh net capacity (for electric range for plug-in)
- Up to 135 kW fast charging (150 kW for plug-in vehicles)

Did you know, that...?

- By 2030, Škoda Auto plans to be producing e-components or e-vehicles at all three Czech plants.
- Launching 4 all-new e-vehicles and 2 updated Enyaq family models for Czech consumers (plans to expand in CEV ways to be made by 2026).
- The brand plans to increase the share of EVs in its European sales to more than 70% by 2030.
- Until 2027, the Czech car manufacturer will invest 2.8 billion euros towards e-mobility and 700 million euros towards digitalization.
- The company has already established more than 22,000 employees for e-mobility requirements.

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Source: Škoda Auto



Škoda Auto: Half a million battery systems produced for vehicles of the Volkswagen Group Škoda will be commissioning a new assembly line by the end of 2023, increasing its total capacity to 2,300 battery systems a day.

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Škoda Auto

- › is successfully steering through the new decade with the Next Level – Škoda Strategy 2030.
- › aims to be one of the five best-selling brands in Europe by 2030 with an attractive line-up in the entry-level segments and additional e-models.
- › is emerging as the leading European brand in important growth markets such as India and North Africa.
- › currently offers customers twelve car series: the Fabia, Rapid, Scala, Octavia, Superb, Kamiq, Karoq, Kodiaq, Enyaq iV, Enyaq Coupé iV, Slavia and Kushaq.
- › delivered over 731,000 vehicles to customers around the world in 2022.
- › has been a member of the Volkswagen Group for 30 years. The Volkswagen Group is one of the most successful vehicle manufacturers in the world.
- › independently manufactures and develops not only vehicles but also components such as engines and transmissions in association with the Group.
- › operates three sites in the Czech Republic; has additional production capacity in China, Slovakia and India primarily through Group partnerships, as well as in Ukraine with a local partner.
- › employs 45,000 people globally and is active in over 100 markets.