



# Picture of the sixth generation battery production line

Will BMW build a sixth-generation high-voltage battery plant?

The new facility will supply sixth-generation high-voltage batteries to German car plants. The BMW Group was granted permission to build the new high-voltage battery assembly plant in April 2024 and erected the first of more than 1,000 concrete pillars for the production hall in late June 2024.

Where is BMW's Gen6 high-voltage battery project located?

BMW's Gen6 High-Voltage Battery Project in Shenyang, Liaoning province, completes construction of the main structure on Wednesday. [Photo/China Daily] The Gen6 High-Voltage Battery Project at the BMW Shenyang Production Base in Liaoning province reached a milestone on Wednesday with the completion of the building's main structure.

What is a 6th generation battery?

The sixth-generation battery cells come in two sizes. Both are 46 millimeter in diameter, but the 120-mm tall cells are reserved for crossovers while the 95-mm cells work for smaller vehicles. Another benefit of the sixth-generation battery packs is cutting down on materials and cost.

What is a Gen6 battery?

Gen6 batteries take advantage of cylindrical cells- you may know them from Tesla, Lucid, and Rivian fame. Many of the steps forward from Gen5 are a direct result of switching over to cylindrical cells. BMW formerly used prismatic cells, which are larger than cylindrical cells.

Will BMW make a new generation of high-voltage batteries?

Think global - act local for local: Where the BMW Group will make its next generation of high-voltage batteries. The Neue Klasse will usher in a new era of fully electric driving at the BMW Group - the success of which will depend heavily on the production of powerful high-voltage batteries.

When will high-voltage batteries be made?

The structure, including roof work, of the central production building is to be completed by the end of 2024. In 2025, the interior construction will be continued and the production systems for assembling the high-voltage batteries are being installed. After trial operation, series assembly will start in 2026.

"The battery assembly in San Luis Potosí will be part of our global production network. For our new sixth-generation e-drive alone, we are building five locations on three continents," explained Milan Nedeljkovic, member of the Board of Management of BMW AG responsible for Production, at the start of construction in Mexico. The BMW Group ...

Woodcliff Lake, NJ - September 2, 2023...With its latest design concept, the BMW Vision Neue Klasse, BMW



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is showcasing what the next generation of its vehicles will look like. "The BMW Vision Neue Klasse combines our ability to innovate in the core areas of electrification, digitalization, and circularity," says Oliver Zipse, Chairman of the Board of ...

Construction of new BMW Gen6 High-Voltage Battery Assembly has started in Shenyang at BMW Brilliance Automotive (BBA) Diesel engine from the BMW Group engine plant in Steyr. December 2024. First filling at the plant with HVO 100. Plant Manager Christoph Schröder at the BMW Group Plant Dingolfing. December 2024.

At San Luis Potosí; in Mexico, additional production capacity is being established for series production of the Neue Klasse to start in 2027. Construction of the new high-voltage battery assembly plant started in May 2024 and will comprise more than 80,000 square metres of production space when completed. But the integration of battery assembly ...

BMW is hard at work futureproofing its lineup by setting up no fewer than five new assembly sites for its next-gen batteries. Gen6 cells will be manufactured at the following locations across...

"BMW Shenyang Production Base Sixth Generation Power Battery Project Tops Out According to the BMW Group, the construction of the sixth generation power battery project at the BMW Shenyang production base has officially topped out. Mr. Jochen Goller, President and CEO of BMW Brilliance Automotive Ltd., stated that in the future, BMW will ...

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Irlbach-Strassenkirchen (Germany): This new facility will supply sixth-generation high-voltage batteries to German car plants (07/2024). Debrecen (Hungary): In 2025, the first Neue Klasse vehicles will roll off the production line at the BMW Group Plant Debrecen (07/2024).

The BMW Group is significantly expanding its global production network for the next generation of high-voltage batteries to support the upcoming Neue Klasse fully electric vehicles. Five new facilities on three continents will produce these batteries, emphasizing a "local for local" strategy to enhance resilience and reduce the carbon ...

The BMW Group's high-voltage battery production network. Facilities in blue already make fifth-generation batteries. Those in purple are currently under construction and will produce the sixth generation of batteries.

In the future, the sixth-generation high-voltage batteries for the Neue Klasse will be manufactured in the

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approximately 150,000 square meter building. The assembly site in Lower Bavaria is making a significant contribution to the expansion of e-mobility and will supply the Munich, Regensburg and Dingolfing vehicle plants with the latest, sixth ...

China's "New Wave Cinema": A Reflection of the Sixth-Generation Auteurs and Their Productions Xiaoping WANG Huaqiao University, China Abstract: Whether or not the sixth-generation directors have disappeared (or whether or not they have ever existed) is moot. However, we can ponder the following questions: In what circumstances

BMW's sixth-generation EV powertrain debuts with the Neue Klasse, set to begin production in 2025. Realistic projections place US deliveries sometime during 2026, and based on iX and i4 ...

The new facility will supply sixth-generation high-voltage batteries to German car plants. The BMW Group was granted permission to build the new high-voltage battery assembly plant in April 2024 and erected the first of pillar for the production hall in late June 2024. The production building is scheduled to be enclosed with facade and roof by ...

BMW Group announces five new assembly sites across three continents for its sixth-generation high-voltage batteries, enhancing electric vehicle production.

In the future, the sixth-generation high-voltage batteries for the Neue Klasse will be manufactured in the approximately 150,000 square meter building. The assembly site in Lower Bavaria is making a significant ...

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