



Chinese EV Promises 70% Charge in 5 Minutes

Description

Denza, the premium automotive brand of BYD, has announced that its Z9 GT performance electric vehicle (EV) will soon arrive in Europe, accompanied by advanced 1,500kW charging technology. This news is significant as it highlights a shift towards faster charging solutions in the electric vehicle market.

BYD's Flash Charging stations, already established in China, deliver over three times the output of standard ultra-fast charging points. These stations can charge an EV from 10% to 70% in just five minutes and from 10% to 97% in nine minutes, even in extreme cold conditions of -30°C.

The Denza Z9 GT is built on a specialised e3 platform, featuring a 122kWh Blade Battery that allows for a range of 800km (approximately 500 miles) in the rear-wheel-drive version. A high-performance variant of the Z9 GT features three electric motors, generating over 960 horsepower, allowing for a 0-62mph acceleration in under three seconds. Both models are set to go on sale in April.

Upon its release in China, the Z9 GT quickly gained popularity, becoming the fastest luxury electric GT to achieve 10,000 deliveries, with more than 5,000 orders placed within 36 hours of its launch. Although European pricing remains unconfirmed, Chinese prices range from 443,900 yuan (around £35,000) to 384,800 yuan (approximately £40,000).

Despite potential price increases in Europe due to taxes and import fees, Denza could still position itself competitively against established automotive brands like Porsche and Audi. This competitive pricing may reshape the market for premium electric vehicles significantly.

Looking ahead, BYD aims to establish 2,000 Flash Charging stations across Europe by the end of 2026, primarily targeting the UK, Germany, Italy, France, and Spain. This initiative will advance the infrastructure necessary for high-speed charging, enhancing the company's presence in the European EV market.

Comprehension Questions

Multiple Choice

1. What is the name of BYD's premium automotive brand?

Option: Denza

Option: Z9 GT

Option: Blade

Option: Flash Charging



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2. What is the range of the Denza Z9 GT rear-wheel-drive version?
Option: 300km
Option: 500km
Option: 800km
Option: 1000km

 3. In what time can the Flash Charging stations charge an EV from 10% to 70%?
Option: 3 minutes
Option: 5 minutes
Option: 7 minutes
Option: 9 minutes

 4. How many electric motors does the high-performance variant of Z9 GT have?
Option: 1
Option: 2
Option: 3
Option: 4

 5. How many orders were placed within 36 hours of the Z9 GT's launch in China?
Option: 1,000
Option: 2,500
Option: 5,000
Option: 10,000

 6. What is the expected horsepower of the high-performance Z9 GT?
Option: 600
Option: 750
Option: 960
Option: 1200

True-False

7. Denza's Z9 GT will arrive in Europe with advanced 1,500kW charging technology.
8. The Flash Charging stations can charge an EV from 10% to 97% in nine minutes.
9. The Denza Z9 GT is built on a standard platform.



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10. European pricing for the Z9 GT has already been confirmed.
 11. BYD plans to establish 5,000 Flash Charging stations across Europe by the end of 2026.
 12. Denza's Z9 GT became the fastest luxury electric GT to reach 10,000 deliveries in China.

Gap-Fill

13. The Z9 GT features a _____ kWh Blade Battery.
14. The range of the Denza Z9 GT rear-wheel-drive version is approximately _____ miles.
15. Denza aims to establish _____ Flash Charging stations across Europe by 2026.
16. The Flash Charging stations can operate in extreme cold conditions of _____ degrees Celsius.
17. The high-performance Z9 GT can accelerate from 0 to 62 mph in under _____ seconds.
18. Denza's prices in China range from 443,900 yuan to _____ yuan.

Answer

Multiple Choice: 1. Denza 2. 800km 3. 5 minutes 4. 3 5. 5,000 6. 960
True-False: 7. True 8. True 9. False 10. False 11. False 12. True
Gap-Fill: 13. 122 14. 500 15. 2,000 16. -30 17. 3 18. 384,800

CATEGORY

1. Business - LEVEL6

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