



XPENG Launches G9 Flagship SUV

September 21, 2022

- The world's fastest-charging EV is built on China's first mass-produced 800 V platform
- XPENG's second-generation ADAS sets a new industry benchmark
- The industry's first concert hall-style 5D smart cabin redefines luxury

GUANGZHOU, China--(BUSINESS WIRE)--Sep. 21, 2022-- XPeng Inc. (XPENG or the Company, NYSE: XPEV and HKEX: 9868), today reveals the pricing and specifications for its 4th production model G9 Flagship SUV for the Chinese market. The G9 lineup includes three series - each with a different driving range - and six configurations in total.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20220921005601/en/>



There will be three series of G9—each with a different driving range—and six configurations in total. These are the RWD 570G, RWD 570E, and RWD 702E; 4WD Performance 650E and 650X; and a Launch Edition 650X. The 4WD Performance models come with a dual-chamber air suspension system as standard. G9 will start from 309,900 up to 469,900 RMB with the first deliveries for customers in China expected in October.

"G9 is the world's fastest-charging mass-production SUV and boasts the industry's first full-scenario Advanced Driver Assistance System. This is topped off with a dual-chamber air suspension system and a luxurious smart cabin that includes a groundbreaking 5D music experience we call Xopera. G9 is a fusion of many technical innovations woven together into an elegant design and marks a significant milestone after eight years of dedication.

XPENG Reveals Price Details of G9 (Photo: Business Wire)

We believe it will become the new benchmark for smart EVs, representing the last step before the realization of truly autonomous vehicles," said He Xiaopeng, CEO and Chairman of XPENG, during G9's online launch event.

G9 launch event broadcast

English: <https://heyxpeng.com/events/01834992d10982358a5f2c9e246a024a>

Chinese: <https://www.xiapeng.com/g9.html>

The World's Fastest-Charging Electric SUV

XPENG G9 boasts a new powertrain system using China's first 800 V mass-production Silicon Carbide (SiC) platform. Supported by the Company's new 480 kW S4 supercharging stations, the 4C version of G9 can add up to 200 km of CLTC range in as little as five minutes—this means it can charge from 10–80% in only 15 minutes. The standard 3C version can charge from 10–80% in 20 minutes, which is also superior to most fast-charging EVs in the industry. Even when charging with compatible third-party stations, G9 demonstrates far greater charging efficiency compared to other EVs built on a 400 V platform.

In addition to significantly improving charging speeds, XPENG is rapidly expanding its nationwide charging network. In August, the Company unveiled its 1,000th charging location and its new S4 supercharging technology along with plans to add over 500 S4 supercharging locations across major cities nationwide in 2023; By 2025, XPENG aims to open up a total of 2,000 supercharging locations across China.

G9 offers a maximum CLTC range of 702 km, leading the mid-size SUV class. The other two versions of G9 offer up to 570 km and 650 km (4WD) of CLTC range—between 460 and 570 km when converted to WLTP range, which easily covers most urban commutes.

G9 also uses drag-reducing styling, a high-voltage SiC powertrain with advanced power distribution, and an energy recovery system to minimize wasted power while maximizing the driving range. This means G9's real-world usable range is 5–10% higher than mainstream EVs.

XNGP, the Second-Generation ADAS With Full-Scenario Assistance

G9 uses XPENG's second-generation Advanced Driver Assistance System, XNGP, featuring industry-first full-scenario driver assistance.

The X Version of G9 makes use of dual NVIDIA DRIVE Orin chips which deliver 508 TOPS (trillion operations per second) of computing performance. G9 uses 31 sensors and a front-view camera for advanced object detection—its front-mounting dual-LiDAR sensors cover 180°, reducing the size of blind spots.

XNGP is capable of tackling multiple driving scenarios, regardless of the high-precision map's coverage—by 2023 when it is available in most cities in China.

XPENG's first-generation ADAS, XPILOT, comes standard on the E version of G9. Technological advancements and algorithmic iterations coupled with higher computing power elevate the performance of XPILOT's existing ADAS functions that include ACC, LCC, VPA (Valet Parking Assist), and Highway NGP (Navigation Guided Pilot).

With the new hardware and software architecture driven by closed-loop data, XPENG developed an enhanced Advanced Emergency Braking (AEB) active safety function on the E and X versions of G9.

Four-Zone Always-on Voice Assistant and 3D UI Represent New Benchmarks

G9 redefines driver-vehicle interaction with a new voice assistance system. Powered by MIMO (Multiple Input Multiple Output) technology, the new voice assistant in G9 can respond to commands from all four areas of the cabin, even understanding successive instructions from different passengers without needing to be constantly reactivated. With its upgraded computing power, G9's always-on voice assistant responds in milliseconds and can even control over 600 vehicle functions without the need for a network connection.

G9 debuts XPENG's interactive 3D user interface based on the Unity3D engine, offering drivers a seamless and interactive experience. The 3D map accurately renders the vehicle's surrounding in real-time onto a high-definition 14.96" dual screen for precise feedback during driving.

Powerful Performance

The total power of G9's dual motors in the 4WD versions can reach 405 kW (551 hp), with a maximum torque of 717 Nm, helping it accelerate from 0–100 km/h in 3.9 seconds. The SUV also has powerful braking capabilities and can come to a complete stop from 100 km/h in just 34.6 meters. G9 has seven driving modes, including a Boost Mode that helps the vehicle reach its maximum torque in 0.15 seconds.

G9 adopts an advanced double-wishbone suspension at the front and five-link suspension at the rear as well as a double-chamber air suspension system with 100 mm of range. This provides a wider range of stiffness adjustments that, in combination with XPENG's ADAS, help G9 handle complex road conditions with ease.

All in the Details

G9 has a rear trunk volume of 660 L that increases to 1,576 L when the rear seats are folded, so large objects such as golf bags can be easily accommodated. The front and back seats can be folded and adjusted to create a more relaxing and luxurious space. G9 is also equipped with a deployable electric tow bar and a 220 V outlet with up to 2200 W of power, giving owners more options on their journeys.

The Xopera 5D Multimedia Experience

To create the ultimate audio-visual entertainment experience, XPENG has introduced Xopera to G9. Xopera is XPENG's proprietary multimedia system, engineered to create a unique and immersive in-cabin experience. The system boasts concert hall-level acoustic engineering by utilizing an 18-speaker Dynaudio Confidence system with a total of 28 speakers and vibration units that produce a total output of 2250 W.

Using Dolby Atmos technology, Xopera provides passengers with an immersive 5D experience that includes seat vibrations, changes to the ambient lighting, adjustable air conditioning, and customized fragrances when watching a film, listening to music, or simply relaxing.

A New Standard for Global Markets

G9 has been designed for both the Chinese and international markets from the start. The SUV is purposefully designed with an international perspective to meet the C-NCAP and E-NCAP five-star safety standards, as well as the stringent EU WVTA vehicle certification standards.

XPENG G9 visual assets: [XPENG G9 visual assets for media](#)

XPENG G9 Specs:

Version	RWD Standard		RWD Long Range	4WD Performance		
	570G	570E	702E	650E Performance	650X Performance	650X Launch Edition
Dimensions						
Length/Width/Height	4891 mm/1937 mm/1680 mm			4891 mm/1937 mm/1670 mm		
Wheelbase				2998 mm		
Number of Seats				5 seats		
Trunk Space/ Trunk Space (Rear seats down)				660 L/1,576 L		
Drivetrain	Single-motor Rear-wheel Drive			Double-motor Four-wheel Drive		
Power Output (kW)/ Torque (Nm)	Rear 230 kW / 430 N•m			Front 175 kW / 287 N•m, Rear 230 kW / 430 N•m		
CLTC Driving Range	570 km	570 km	702 km	650 km	650 km	650 km
Maximum Speed				200 km/h		
Acceleration (0-100 km/h)	6.4 s			3.9 s		

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About XPeng Inc.

XPeng is a leading Chinese Smart EV company that designs, develops, manufactures, and markets Smart EVs that appeal to the large and growing base of technology-savvy middle-class consumers. Its mission is to drive Smart EV transformation with technology and data, shaping the mobility experience of the future. In order to optimize its customers' mobility experience, XPeng develops in-house its full-stack advanced driver-assistance system technology and in-car intelligent operating system, as well as core vehicle systems including powertrain and the electrical/electronic architecture. XPeng is headquartered in Guangzhou, China, with main offices in Beijing, Shanghai, Silicon Valley, San Diego and Amsterdam. The Company's Smart EVs are mainly manufactured at its plant in Zhaoqing, Guangdong province. For more information, please visit <https://heyxpeng.com>.

Safe Harbor Statement

This announcement contains forward-looking statements. These statements are made under the "safe harbor" provisions of the United States Private Securities Litigation Reform Act of 1995. These forward-looking statements can be identified by terminology such as "will," "expects," "anticipates," "future," "intends," "plans," "believes," "estimates" and similar statements. Statements that are not historical facts, including statements about XPeng's beliefs and expectations, are forward-looking statements. Forward-looking statements involve inherent risks and uncertainties. A number of factors could cause actual results to differ materially from those contained in any forward-looking statement, including but not limited to the following: XPeng's goals and strategies; XPeng's expansion plans; XPeng's future business development, financial condition and results of operations; the trends in, and size of, China's EV market; XPeng's expectations regarding demand for, and market acceptance of, its products and services; XPeng's expectations regarding its relationships with customers, contract manufacturers, suppliers, third-party service providers, strategic partners and other stakeholders; general economic and business conditions; and assumptions underlying or related to any of the foregoing. Further information regarding these and other risks is included in XPeng's filings with the SEC. All information provided in this press release is as of the date of this press release, and XPeng does not undertake any obligation to update any forward-looking statement, except as required under applicable law.

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For Investor Enquiries:
IR Department
XPeng Inc.
Email: ir@xiaopeng.com

Jenny Cai
The Piacente Group
Tel: +1 212 481 2050 / +86 10 6508 0677
Email: xpeng@tpg-ir.com

For Media Enquiries:
PR Department
XPeng Inc.
Email: pr@xiaopeng.com

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