

XPeng G9 2022 650Launch Editionversion Specifications

Basic Information

Parameter	XPeng G9 2022 650Launch Editionversion
Official Price	RMB 469,900
Manufacturer	XPengVehicle
Class	mid-large SUV
Energy Type	Pure Electric
Market Time	2022.09
Electric Description	Pure Electric 551 hp
CLTC Range	650
CLTC Pure Electric Range (km)	650
High-Voltage Fast Charging Platform	-
800	-
Charging Time	Fast charge 16 min
Fast Charging Window (%)	30-80
Maximum Power (kW)	405(551Ps)
Maximum Torque (N-m)	717
Transmission Description	EV single-speed transmission
Length x Width x Height (mm)	4891x1937x1670
Body Structure	5-door 5-seat SUV
Top Speed (km/h)	200
Official 0-100 km/h Acceleration (s)	3.9
Energy Consumption (kWh/100km)	16
Equivalent Fuel Consumption (L/100km)	1.81
Vehicle Warranty	5 years or 120,000 km
Estimated Maintenance Cost over 60,000 km	RMB 1,105

Body

Parameter	XPeng G9 2022 650Launch Editionversion
Length (mm)	4891
Width (mm)	1937
Height (mm)	1670
Wheelbase (mm)	2998
Front Track (mm)	1656
Rear Track (mm)	1663
Minimum Ground Clearance (mm)	145
Body Structure	SUV
Number of Doors	5
Door Opening Type	Hinged doors
Seats	5
Curb Weight (kg)	2355
Gross Weight (kg)	2800
FrontCargo Volume(L)	71
Cargo Volume (L)	660-1576
Minimum Turning Radius (m)	5.9m
Drag Coefficient (Cd)	0.272

Electric Motor

Parameter	XPeng G9 2022 650Launch Editionversion
Electric Description	Pure Electric 551 hp
Motor Type	Frontinduction/asynchronous RearPermanent magnet synchronous
Total Motor Power	405
Total Motor Horsepower (Ps)	551
Total Motor Torque	717
Front Motor Max Power (kW)	175
Front Motor Max Torque (N·m)	287
Rear Motor Max Power (kW)	230
Rear Motor Max Torque (N·m)	430
Drive Motor Count	Dual motor
Motor Layout	Front-mounted+Rear-mounted

Battery / Charging

Parameter	XPeng G9 2022 650Launch Editionversion
Battery Type	Ternary lithium battery
Cell Brand	CATL/CALB/EVELithium energy
Battery Warranty	8 years or 160,000 km
Battery Capacity	98
Battery Energy Density (Wh/kg)	160.0
Battery Charging Rate	-
Battery Charging Rate - 3 5	-
Battery Charging (Summary)	● Standard: Fast charge 16 min; ● Standard: Fast charging port
Charging Time	Fast charge 16 min
Battery Charging - Fast Charging Port	● Standard: Fast charging port
MAX Fast Charge Power	480
Fast Charging Port Position (Summary)	-
Fast Charging Port Position - Option	-
Slow Charging Port Position (Summary)	-
Slow Charging Port Position - Option	-
Battery Heating System	Standard
Battery Cooling System	Liquid cooling
One-pedal Mode	Standard
VTOL Mobile Power Station	Standard
VTOL Maximum External Discharge Power	2.2kW
VTOV Maximum External Discharge Power	-

Transmission

Parameter	XPeng G9 2022 650Launch Editionversion
Transmission Description	EV single-speed transmission
Number of Gears	1
Transmission Type	Fixed Gear Ratio Transmission

Chassis / Steering

Parameter	XPeng G9 2022 650Launch Editionversion
Drive Type	Dual motor4WD
Four-wheel-drive Type	Electric AWD
Front Suspension	double wishbone independent suspension
Rear Suspension	Multi-link independent suspension
Steering Type	Electric power steering
Vehicle Body Structure	Unibody

Wheels / Brakes

Parameter	XPeng G9 2022 650Launch Editionversion
Front Brake Type	Ventilated disc
Rear Brake Type	Ventilated disc
Parking Brake Type	Electronic parking brake
Front Tire Size	255/45 R21
Rear Tire Size	255/45 R21
Spare Tire Specification	-
Spare Tire Location	-
Active Safety	-
ABS	Standard
Brake-force Distribution (EBD/CBC)	Standard
Brake Assist (EBA/BA)	Standard
Traction Control (TCS/ASR)	Standard
Body Stability System (ESP/DSC)	Standard
Active Safety Warning System	● Standard: Lane departure warning; ● Standard: Forward collision warning; ● Standard: Rear collision warning; ● Standard: Rear cross traffic alert; ● Standard: DOW door opening warning
Active Safety Warning System - Lane Departure Warning	● Standard: Lane departure warning
Active Safety Warning System - Forward Collision Warning	● Standard: Forward collision warning
Rear collision warning	● Standard: Rear collision warning
Rear cross traffic alert	● Standard: Rear cross traffic alert
DOW door opening warning	● Standard: DOW door opening warning
Front cross traffic alert	-
Front cross traffic braking	-
Automatic Emergency Braking	Standard
Blind Spot Assist	Standard
Lane Keeping Assist	Standard
Lane Centering Assist	Standard
Driver Fatigue Warning	Standard
Active DMS Fatigue Detection	Standard
Cabin Vital-sign Detection	-
Traffic Sign Recognition	Standard
Traffic Light Recognition	Standard
Night Vision System	-
Active Safety	-
Front Airbags (Summary)	● Standard: Driver seat; ● Standard: Passenger seat
Front Airbags - Driver	● Standard: Driver seat
Front Airbags - Front Passenger	● Standard: Passenger seat
Side Airbags (Summary)	● Standard: Front row
Side Airbags - Front Row	● Standard: Front row
Side Curtain Airbags	Standard
Front Knee Airbags	-
Center Airbag	-
Seat Belt Reminder	Standard
TPMS	Tire pressure display
ISOFIX	Standard
Passive Pedestrian Protection	-
Run-flat Tire	-
Driver Assistance / Control	-
Parking Radar (Summary)	● Standard: Front; ● Standard: Rear
Front	● Standard: Front
Parking Radar - Rear	● Standard: Rear
Front Vehicle Departure Reminder	-

Parameter	XPeng G9 2022 650Launch Editionversion
Narrow Road Assistance	-
Driving Assistance Camera (Summary)	● Standard: Rear view camera; ● Standard: 360-degree panoramic camera; ● Standard: Transparent view
Driving Assistance Camera - Reverse Camera	● Standard: Rear view camera
Side Blind Zone Camera	-
Driving Assistance Camera - 360° Panoramic Camera	● Standard: 360-degree panoramic camera
Driving Assistance Camera - Transparent Chassis View	● Standard: Transparent view
Cruise System (Summary)	● Standard: Cruise control; ● Standard: Adaptive cruise control; ● Standard: Full-speed adaptive cruise control
Cruise System - Option	● Standard: Cruise control
Cruise System - Adaptive Cruise Control	● Standard: Adaptive cruise control
Cruise System - Full-speed Adaptive Cruise Control	● Standard: Full-speed adaptive cruise control
Automatic Lane Change Assist	Standard
Automatic Ramp Exit / Entry	Standard
Navigation Assisted Driving	-
Highway navigation assist	-
Urban navigation assist	-
ADAS Level	L2
Automatic Parking	Standard
Reverse Path Tracking	Standard
Memory Parking	Standard
Auto Hold	Standard
Hill Start Assist (HAC)	Standard
Hill Descent Control (HDC)	Standard
Variable Suspension	● Standard: Damping stiffness adjustment+high/low
Damping stiffness adjustment+Height	● Standard: Damping stiffness adjustment+high/low
Air Suspension	Standard
Air Suspension Type	-
Dual Chamber	-
Electromagnetic Suspension	Standard
Variable Steering Ratio	-
Front Axle Limited-slip Type	-
Rear Axle Limited-slip Type	-
Center Differential Lock	-
Four WD LOW	-
Active Rear Steering	-
Drive Mode Selection (Summary)	● Standard: Sport; ● Standard: off-road; ● Standard: ECO/Economy; ● Standard: Standard Comfort
Drive Mode Selection - Sport	● Standard: Sport
Drive Mode Selection - Off-road	● Standard: off-road
Drive Mode Selection - Snow	-
Drive Mode Selection - Custom	-
Drive Mode Selection - ECO	● Standard: ECO/Economy
Drive Mode Selection - Standard / Comfort	● Standard: Standard Comfort
LaunchMode	-
Brake Energy Recovery	Standard
Comfortable Braking	-
Low-speed Warning Sound	Standard
Comfort / Anti-theft	-
Sunroof Type	Panoramic glass roof
Smart Dimming Roof	-
Roof Rack	Standard
Sport Appearance Package	-
Power Spoiler	-

Parameter	XPeng G9 2022 650Launch Editionversion
Active Grille Shutters	Standard
Alloy Wheels	Standard
Side Steps	-
Frameless Doors	Standard
Hidden Door Handles	Standard
Tow Hook	-
Comfort / Anti-theft	-
Steering Wheel Material (Summary)	● Standard: Genuine leather
Steering Wheel Material - Option	-
Genuine leather	● Standard: Genuine leather
Steering Wheel Adjustment	Tilt and telescopic
Power Steering Wheel Adjustment	Standard
Steering Wheel Functions (Summary)	● Standard: Multifunction controls; ● Standard: Memory; ● Standard: Heating
Steering Wheel Functions - Multi-function Control	● Standard: Multifunction controls
Memory	● Standard: Memory
Heating	● Standard: Heating
Gear Selector Type (Summary)	-
Gear Selector Type - Option	-
LCD Cluster Style	Full LCD
LCD Cluster Size (in) (Summary)	● Standard: 10.25
10.25	● Standard: 10.25
Comfort / Anti-theft	-
Soft-close Doors	Standard
Power Tailgate	Standard
Hands-free Tailgate	Standard
Tailgate Position Memory	Standard
Central Locking	Standard
Remote Key Type (Summary)	● Standard: Smart remote key; ● Standard: Phone Bluetooth key
Remote Key Type - Smart Remote Key	● Standard: Smart remote key
Remote Key Type - Bluetooth Key	● Standard: Phone Bluetooth key
Remote Key Type - NFC/RFID Key	-
UWB Digital key	-
Keyless Entry	All windows
Keyless Start	Standard
Remote Start	Standard
Remote Vehicle Move	Standard
Vehicle Summon	Standard
Head-up Display (HUD)	-
Built-in Driving Recorder	-
Active Noise Cancellation	-
Wireless Phone Charging	Standard
Wireless Charging MAX Power (Summary)	15
15	15
Wireless Charging MAX Power 50	-
AC Power Outlet	-
Cargo 12V Power Outlet	Standard
Seat Features	-
Seat Material	Genuine leather
SeatsLeatherStyle	NappaGenuine leather
Sport Seats	-
Seat Layout	● Standard: 2+3
Layout Seat 4 - 2+3	● Standard: 2+3
Second-row Independent Seats	-

Parameter	XPeng G9 2022 650Launch Editionversion
Third-row Seats	-
Queen Seat	-
Power Seat Adjustment (Summary)	● Standard: Driver seat; ● Standard: Passenger seat; ● Standard: second row
Power Seat Adjustment - Driver	● Standard: Driver seat
Seat Power Adjustment - Front Passenger	● Standard: Passenger seat
Second Row	● Standard: second row
Sunken Rear Seat Folding	-
Driver Seat Main Adjustments (Summary)	● Standard: Fore-aft adjustment; ● Standard: Backrest angle; ● Standard: Height adjustment
Driver Seat Main Adjustments - Fore / Aft	● Standard: Fore-aft adjustment
Driver Seat Main Adjustments - Backrest Angle	● Standard: Backrest angle
Driver Seat Main Adjustments - Height Adjustment	● Standard: Height adjustment
Driver Seat Fine Adjustments (Summary)	● Standard: Headrest; ● Standard: lumbar; ● Standard: Leg rest
Driver Seat Fine Adjustments - Headrest	● Standard: Headrest
Lumbar	● Standard: lumbar
Leg rest	● Standard: Leg rest
Front Passenger Seat Main Adjustments (Summary)	● Standard: Fore-aft adjustment; ● Standard: Height adjustment; ● Standard: Backrest angle
Front Passenger Seat Main Adjustments - Fore / Aft	● Standard: Fore-aft adjustment
Height adjustment	● Standard: Height adjustment
Front Passenger Seat Main Adjustments - Backrest Angle	● Standard: Backrest angle
Front Passenger Seat Fine Adjustments (Summary)	● Standard: Headrest; ● Standard: lumbar; ● Standard: Leg rest
Front Passenger Seat Fine Adjustments - Headrest	● Standard: Headrest
Lumbar	● Standard: lumbar
Leg rest	● Standard: Leg rest
Second-row Seat Main Adjustments (Summary)	● Standard: Backrest angleAdjustment
Second-row Seat Main Adjustments - Option	● Standard: Backrest angleAdjustment
Second-row Seat Fine Adjustments	● Standard: Leg rest
Leg rest	● Standard: Leg rest
Front Seat Functions	● Standard: Heating; ● Standard: Ventilation; ● Standard: Memory; ● Standard: Massage
Front Seat Functions - Option	● Standard: Heating
Ventilation	● Standard: Ventilation
Memory	● Standard: Memory
Massage	● Standard: Massage
Second-row Seat Functions	● Standard: Heating; ● Standard: Massage
Heating	● Standard: Heating
Ventilation	-
Massage	● Standard: Massage
Third-row Seat Functions	-
Boss Key	Standard
Front / Rear Armrests (Summary)	● Standard: Front row; ● Standard: Rear row
Front / Rear Armrests - Front Row	● Standard: Front row
Rear row	● Standard: Rear row
Rear Cup Holder	Standard
Heated / Cooled Cup Holder	-
Front Seats Flattened	-
Rear Seat Folding Ratio	40:60
Power-folding Rear Seats	-
Second-row Tray Table	-
Smart Connectivity	-
Center Screen Size (in)	14.96
Center Screen Material	-
Center Console Screen Material 2 - LCD	-
Center Screen Resolution (Summary)	-

Parameter	XPeng G9 2022 650Launch Editionversion
2.4K	-
Passenger Screen Size (in)	● Standard: 14.96
14.96	● Standard: 14.96
Passenger Screen Resolution (K)	-
2.4K	-
Satellite Navigation	Standard
AR Navigation	-
Navigation Traffic Display	Standard
MAP Brand (Summary)	-
Amap	-
Roadside Assistance	-
Bluetooth / Car Phone	Standard
Phone Mirroring (Summary)	-
Phone Mirroring - HUAWEI HiCar	-
Phone Mirroring - Carlink	-
Phone Mirroring - Factory System	-
Connected Car	Standard
Mobile Network (Summary)	● Standard: 5G
5G	● Standard: 5G
Mobile Network - 4G	-
OTA Upgrade	Standard
Face Recognition	Standard
Fingerprint Recognition	-
Voiceprint Recognition	-
Emotion Recognition	-
Voice Recognition Control	Standard
Wake-word-free Voice Control	Standard
Voice Wake-up by Zone (Summary)	● Standard: Four-zone voice recognition
Voice Wake-up by Zone - Four Zones	● Standard: Four-zone voice recognition
Continuous Voice Recognition	Standard
Visible-to-speak Control	Standard
Voice Assistant Wake-up Phrase	Hello SmallP
Gesture Control	-
Wi-Fi Hotspot	Standard
Windows / Mirrors	-
Multi-finger Screen Control	Standard
App Store	Standard
Media Interface (Summary)	● Standard: USB/Type-C
Media Interface - USB/Type-C	● Standard: USB/Type-C
USB/Type-C Port Count (Summary)	● Standard: Front row: 3; ● Standard: Rear row: 2
USB/Type-C Port Count - 2 Front	● Standard: Front row: 3
USB/Type-C Port Count - 1 Rear	● Standard: Rear row: 2
USB/Type-C Max Charging Power	-
Front row: 60 W	-
Rear row: 60 W	-
In-car TV	-
Rear LCD Screen	-
Simulated Engine Sound	Standard
Karaoke	Standard
Audio Brand	Dynaudio
Number of Speakers	20
Dolby Atmos	-
Sound System Layout	-

Parameter	XPeng G9 2022 650Launch Editionversion
Amplifier Max Output Power (W)	-
2250	-
Seat Speakers (Headrest / Shoulder)	-
SKY Sound Channel	-
Rear Multimedia Controls	-
Windows / Mirrors	-
Low Beam	LED
High Beam	LED
Daytime Running Lights	Standard
Adaptive High / Low Beam	Standard
Automatic Headlights	Standard
Cornering Lights	Standard
Front Fog Lights	-
Adaptive Front-lighting System (AFS)	-
Headlight Height Adjustment	Standard
Headlight Washers	-
Ambient Lighting	Multi-color
Active Ambient Lighting	-
Standard	-
Special Lighting Functions	-
Lighting Projection Technology	-
Headlight Delay-off	Standard
Headlamp Rain / Fog Mode	-
Windows / Mirrors	-
Power Windows (Summary)	● Standard: Front row; ● Standard: Rear row
Power Windows - Front Row	● Standard: Front row
Power Windows - Option	● Standard: Rear row
One-touch Windows	All windows
Anti-pinch Windows	Standard
Exterior Mirror Functions (Summary)	● Standard: Power adjustment; ● Standard: Heating; ● Standard: Power folding; ● Standard: Memory; ● Standard: ReverseAutomatictilt-down; ● Standard: Auto-fold on lock; ● Standard: AutomaticAnti-Glare
Exterior Mirror Functions - Option	● Standard: Power adjustment
Exterior Mirror Functions - Heating	● Standard: Heating
Exterior Mirror Functions - Power Folding	● Standard: Power folding
Memory	● Standard: Memory
ReverseAutomatictilt-down	● Standard: ReverseAutomatictilt-down
Exterior Mirror Functions - Auto Fold on Lock	● Standard: Auto-fold on lock
Automatic anti-glare	● Standard: AutomaticAnti-Glare
Interior Mirror Functions	● Standard: AutomaticAnti-Glare
Automatic anti-glare	● Standard: AutomaticAnti-Glare
Streaming Media	-
Vanity Mirror (Summary)	● Standard: Driver seat+with lighting; ● Standard: Passenger seat+with lighting
Vanity Mirror - Option	● Standard: Driver seat+with lighting
Vanity Mirror - Option	● Standard: Passenger seat+with lighting
Rear Privacy Glass	Standard
Interior Sunshade	-
Rain-sensing Wipers	Standard
Rear Wiper	Standard
Rear Window Open Method	-
Multi-layer Acoustic Glass	-
Heated Windshield	-
Heated Washer Nozzles	-
20Inchdynamic wheelPackage	-

Parameter	XPeng G9 2022 650Launch Editionversion
A/C Control Type	Automatic
Rear Independent A/C	-
Rear Air Vents	Standard
Temperature Zone Control	● Standard: Dual-zone climate control
Dual-zone climate control	● Standard: Dual-zone climate control
In-car Air Purifier	Standard
Cabin PM2.5 Filter	Standard
Negative-ion Generator	-
Fragrance System	Standard
AQS Air Quality Management	-
On-board Refrigerator	-
Refrigerator Functions	-

Smart Features

Parameter	XPeng G9 2022 650Launch Editionversion
ADAS Operating System (Summary)	● Standard: XNGP
XNGP	● Standard: XNGP
XPILOT	-
Driver Assistance Chip	● Standard: NVIDIA DRIVE Orin
Turing	-
Turing*2	-
NVIDIA DRIVE Orin X*2	-
NVIDIA DRIVE Orin X	-
NVIDIA DRIVE Orin	● Standard: NVIDIA DRIVE Orin
Driver Assistance Chip Computing Power (TOPS)	● Standard: 508
254	-
508	● Standard: 508
750	-
1500	-
CAR Intelligent System (Summary)	● Standard: Xmart OS
Dimensity AIOS	-
XOS Dimensity	-
Xmart OS	● Standard: Xmart OS
Vehicle Smart Chip	● Standard: highthroughSnapdragonSA8155P
Qualcomm Snapdragon 8295	-
highthroughSnapdragon8295&Turing	-
highthroughSnapdragon8155P	-
highthroughSnapdragonSA8155P	● Standard: highthroughSnapdragonSA8155P
Infotainment System Memory (GB)	-
CAR System Memory 16	-
Infotainment System Storage (GB)	● Standard: 256
CAR System Storage 128	-
256	● Standard: 256
Mobile App Remote Control (Summary)	● Standard: Vehicle monitoring; ● Standard: Remote control; ● Standard: Charging management; ● Standard: Service appointment; ● Standard: Digital key
Mobile App Remote Control - Vehicle Monitoring	● Standard: Vehicle monitoring
Mobile App Remote Control	● Standard: Remote control
Mobile App Remote Control - Charging Management	● Standard: Charging management
Mobile App Remote Control - Service Appointment	● Standard: Service appointment
Mobile App Remote Control - Digital Key	● Standard: Digital key
Heat Pump System	Standard
Front Maximum Detection Distance (m)	-

Parameter	XPeng G9 2022 650Launch Editionversion
120	-
Number of Exterior Cameras	11
Exterior Camera Resolution	● Standard: 80010k*2unit, 20010k*9unit
80010k*2unit,30010k*9unit	-
80010k*2unit,20010k*9unit	-
80010k*2unit, 20010k*9unit	● Standard: 80010k*2unit, 20010k*9unit
Interior Camera Count	● Standard: 1
Incar Camera Count 1	● Standard: 1
Incar Camera Count 2	-
Interior Camera Resolution	-
Number of Ultrasonic Radars	12
Millimeter Wave Radar	5
Laser Radar	2
LiDAR Brand	SpeedTengju Chuang
SpeedTengju Chuang	SpeedTengju Chuang
LiDAR Line Count (Lines)	● Standard: 126
126	● Standard: 126
Sub-meter High-precision Positioning	Standard
High-precision Map	Standard
Sentinel Mode	-
V2X Communication	-
Optional Package	-
Custom Options	Optional exterior, interior, wheels, brakes
Optional Package	● Standard: includes■4CUltraFast ChargeBatteryPackage(MostFast ChargeElectric5min, RangeExtended RangeAdd200km+), DCFast ChargeTime(SOC 10%Charge to80%) ≥15min(Fastest15min), DCFast ChargeTime(SOC 30%Charge to80%) ≥11.5min(Fastest11.5min); ■ Optional: Optional (RMB 10,000)
4CUltraFast ChargeBatteryPackage	includes■4CUltraFast ChargeBatteryPackage(MostFast ChargeElectric5min, RangeExtended RangeAdd200km+), DCFast ChargeTime(SOC 10%Charge to80%) ≥15min(Fastest15min), DCFast ChargeTime(SOC 30%Charge to80%) ≥11.5min(Fastest11.5min)
4CUltraFast ChargeBatteryPackage	■ Optional: Optional (RMB 10,000)
Ultra SEsmartLLevelPackage	-
Ultra SEsmartLLevelPackage	-
Ultra SEsmartLLevelPackage	-
VIPFour-SeatpremiumPackage	-
UltrasmartLLevelPackage	-
UltrasmartLLevelPackage	-
Rear rowSmart InteractionsetTrim	-
smartdual-chamberAir Suspensionrack	-
smartdual-chamberAir Suspensionrack	-
OpticalTechnologyPackage	-
Moonlight KnightLLevelpackage	-
Moonlight KnightLLevelpackage	-
premiumPackage	-
ComfortPackage	-
ComfortPackage	-
ExplorerPackage	-
BlackSamuraiLLevelpackage	-
BlackSamuraiLLevelpackage	-