

# XPeng G6 2024 580Long RangePlus Specifications

## Basic Information

Parameter	XPeng G6 2024 580Long RangePlus
Official Price	RMB 199,900
Manufacturer	XPengVehicle
Class	Mid-sizeSUV
Energy Type	Pure Electric
Market Time	2024.04
Electric Description	Pure Electric 296 hp
CLTC Range	580
Wltc Recharge Mileage	-
CLTC Pure Electric Range (km)	580
Combined Cruising Range Cltc	-
High-Voltage Fast Charging Platform	● Standard: 800V
800	● Standard: 800V
Charging Time	Fast charge 20 min
Fast Charging Window (%)	10-80
Maximum Power (kW)	218(296Ps)
Maximum Torque (N·m)	440
Transmission Description	EV single-speed transmission
Length x Width x Height (mm)	4753x1920x1650
Body Structure	5-door 5-seat SUV
Top Speed (km/h)	202
Official 0-100 km/h Acceleration (s)	6.6
WLTC Fuel Consumption (L/100km)	-
Energy Consumption (kWh/100km)	13.2
Equivalent Fuel Consumption (L/100km)	-
State OF Charge Fuel Consumption	-
Fuel Consumption at Low Charge WLTC (L/100km)	-
Vehicle Warranty	5 years or 120,000 km
Estimated Maintenance Cost over 60,000 km	RMB 3,288

## Body

Parameter	XPeng G6 2024 580Long RangePlus
Length (mm)	4753
Width (mm)	1920
Height (mm)	1650
Wheelbase (mm)	2890
Front Track (mm)	1635
Rear Track (mm)	1650
Minimum Ground Clearance (mm)	-
Body Structure	SUV
Number of Doors	5
Door Opening Type	Hinged doors
Seats	5
Curb Weight (kg)	1995
Gross Weight (kg)	2390
OIL Tank Volume	-
Cargo Volume (L)	571-1374

Parameter	XPeng G6 2024 580Long RangePlus
Minimum Turning Radius (m)	-
Drag Coefficient (Cd)	0.248

## Engine

Parameter	XPeng G6 2024 580Long RangePlus
Engine Model	-
Displacement (mL)	-
Displacement (L)	-
Aspiration	-
Engine Layout	-
Cylinder Arrangement	-
Number of Cylinders	-
Valves per Cylinder	-
Compression Ratio	-
Valve Train	-
Maximum Horsepower (Ps)	-
Maximum Power (kW)	-
Maximum Net Power (kW)	-
Maximum Power RPM	-
Maximum Torque (N·m)	-
Maximum Torque RPM	-
Engine Technology	-
Energy Type	Pure Electric
Fuel Grade	-
Fuel Supply System	-
Cylinder Head Material	-
Cylinder Block Material	-
Emission Standard	-

## Electric Motor

Parameter	XPeng G6 2024 580Long RangePlus
Electric Description	Pure Electric 296 hp
Motor Type	Permanent magnet synchronous
Total Motor Power	218
Total Motor Horsepower (Ps)	296
Total Motor Torque	440
Front Motor Max Power (kW)	-
Front Motor Max Torque (N·m)	-
Rear Motor Max Power (kW)	218
Rear Motor Max Torque (N·m)	440
Drive Motor Count	Single motor
Motor Layout	Rear-mounted

## Battery / Charging

Parameter	XPeng G6 2024 580Long RangePlus
Battery Type	LFP Battery
Cell Brand	CALB
Battery Warranty	8 years or 160,000 km
Battery Capacity	66
Battery Energy Density (Wh/kg)	-
Battery Charging Rate	● Standard: 3C

Parameter	XPeng G6 2024 580Long RangePlus
Battery Charging Rate - 3	● Standard: 3C
5	-
Battery Charging (Summary)	● Standard: Fast charge 20 min; ● Standard: Fast charging port
Charging Time	Fast charge 20 min
Battery Charging - Fast Charging Port	● Standard: Fast charging port
MAX Fast Charge Power	280
Fast Charging Port Position (Summary)	Right rear fender
Fast Charging Port Position - Option	Right rear fender
Slow Charging Port Position (Summary)	Right rear fender
Slow Charging Port Position - Option	Right rear fender
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 G6 2024 580Long RangePlus
Transmission Description	EV single-speed transmission
Number of Gears	1
Transmission Type	Fixed Gear Ratio Transmission

## Chassis / Steering

Parameter	XPeng G6 2024 580Long RangePlus
Drive Type	Rear-mounted RWD
Four-wheel-drive Type	-
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 G6 2024 580Long RangePlus
Front Brake Type	Ventilated disc
Rear Brake Type	Ventilated disc
Parking Brake Type	Electronic parking brake
Front Tire Size	235/60 R18
Rear Tire Size	235/60 R18
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

Parameter	XPeng G6 2024 580Long RangePlus
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	-
Passive 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	Standard
Narrow Road Assistance	Standard
Driving Assistance Camera (Summary)	● Standard: Rear view camera; ● Standard: Side Blind-Spot Camera; ● Standard: 360-degree panoramic camera; ● Standard: Transparent view
Driving Assistance Camera - Reverse Camera	● Standard: Rear view camera
Side Blind Zone Camera	● Standard: Side Blind-Spot 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	● Standard: Highway navigation assist
Highway navigation assist	● Standard: Highway navigation assist
Urban navigation assist	-
ADAS Level	L2
Automatic Parking	Standard

Parameter	XPeng G6 2024 580Long RangePlus
Reverse Path Tracking	Standard
Memory Parking	Standard
Auto Hold	Standard
Hill Start Assist (HAC)	Standard
Hill Descent Control (HDC)	Standard
Engine SAS Tech	-
Variable Suspension	-
Air Suspension	-
Air Suspension Type	-
Electromagnetic Suspension	-
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: Standard Comfort; ● Standard: launch control
Drive Mode Selection - Sport	● Standard: Sport
Drive Mode Selection - Snow	-
Drive Mode Selection - Custom	-
Drive Mode Selection - Standard / Comfort	● Standard: Standard Comfort
Drive Mode Selection - ECO	-
LaunchMode	● Standard: launch control
Brake Energy Recovery	Standard
Comfortable Braking	Standard
Low-speed Warning Sound	Standard
Exterior Features	-
Sunroof Type	Panoramic glass roof
Smart Dimming Roof	-
Roof Rack	-
Sport Appearance Package	-
Power Spoiler	-
Active Grille Shutters	Standard
Alloy Wheels	Standard
Side Steps	-
Frameless Doors	Standard
Hidden Door Handles	Standard
Tow Hook	-
Interior Features	-
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	-
Steering Wheel Functions (Summary)	● Standard: Multifunction controls
Steering Wheel Functions - Multi-function Control	● Standard: Multifunction controls
Heating	-
Gear Selector Type (Summary)	● Standard: Electronic column shifter
Gear Selector Type - Option	● Standard: Electronic column shifter
LCD Cluster Style	Full LCD
LCD Cluster Size (in) (Summary)	● Standard: 10.2
10.2	● Standard: 10.2
10.25	-

Parameter	XPeng G6 2024 580Long RangePlus
Comfort / Anti-theft	-
Soft-close Doors	-
Power Tailgate	Standard
Hands-free Tailgate	-
Tailgate Position Memory	Standard
Engine Anti Theft	-
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	-
UWBDigital 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	Standard
Active Noise Cancellation	-
Wireless Phone Charging	Standard
Wireless Charging MAX Power (Summary)	50
Wireless Charging MAX Power 50	50
AC Power Outlet	-
Cargo 12V Power Outlet	Standard
Seat Features	-
Seat Material	Synthetic leather
SeatsLeatherStyle	-
Sport Seats	-
Seat Layout	● Standard: 2+3
Layout Seat 4 - 2+3	● Standard: 2+3
Second-row Independent Seats	-
Third-row Seats	-
Power Seat Adjustment (Summary)	● Standard: Driver seat; ● Standard: Passenger seat
Power Seat Adjustment - Driver	● Standard: Driver seat
Seat Power Adjustment - Front Passenger	● Standard: Passenger seat
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
Driver Seat Fine Adjustments - Headrest	● Standard: Headrest
Lumbar	-
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
Front Passenger Seat Fine Adjustments - Headrest	● Standard: Headrest
Lumbar	-
Second-row Seat Main Adjustments (Summary)	● Standard: Backrest angleAdjustment

Parameter	XPeng G6 2024 580Long RangePlus
Second-row Seat Main Adjustments - Option	● Standard: Backrest angleAdjustment
Second-row Seat Fine Adjustments	-
Front Seat Functions	● Standard: Heating; ● Standard: Memory
Front Seat Functions - Option	● Standard: Heating
Ventilation	-
Memory	● Standard: Memory
Massage	-
Second-row Seat Functions	-
Heating	-
Third-row Seat Functions	-
Boss Key	-
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	Standard
Rear Seat Folding Ratio	40:60
Power-folding Rear Seats	-
Second-row Tray Table	-
Optional Package	-
Center Screen Size (in)	14.96
Center Screen Material	● Standard: LCD
Center Console Screen Material 2 - LCD	● Standard: LCD
Center Screen Resolution (Summary)	-
2.5K	-
Satellite Navigation	Standard
AR Navigation	-
Navigation Traffic Display	Standard
MAP Brand (Summary)	● Standard: Amap
Amap	● Standard: Amap
Roadside Assistance	Standard
Bluetooth / Car Phone	Standard
Phone Mirroring (Summary)	● Standard: Factory system
Phone Mirroring - HUAWEI HiCar	-
Phone Mirroring - Carlink	-
Phone Mirroring - Factory System	● Standard: Factory system
Connected Car	Standard
Mobile Network (Summary)	● Standard: 4G
5G	-
Mobile Network - 4G	● Standard: 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	HelloSmallP

Parameter	XPeng G6 2024 580Long RangePlus
Gesture Control	-
Wi-Fi Hotspot	Standard
Lighting	-
Multi-finger Screen Control	-
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: 2; ● Standard: Rear row: 2
USB/Type-C Port Count - 2 Front	● Standard: Front row: 2
USB/Type-C Port Count - 1 Rear	● Standard: Rear row: 2
USB/Type-C Max Charging Power	-
Front row: 60 W	-
Rear row: 15 W	-
In-car TV	-
Rear LCD Screen	-
Simulated Engine Sound	-
Karaoke	-
Audio Brand	-
Number of Speakers	8
Sound System Layout	-
Amplifier Max Output Power (W)	-
960	-
Seat Speakers (Headrest / Shoulder)	-
SKY Sound Channel	-
Rear Multimedia Controls	-
Air Conditioning / Refrigerator	-
Low Beam	LED
High Beam	LED
Daytime Running Lights	Standard
Adaptive High / Low Beam	Standard
Automatic Headlights	Standard
Cornering Lights	-
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	-
SummercomfortsetTrim	-
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: ReverseAutomaticilt-down; ● Standard: Auto-fold on lock
Exterior Mirror Functions - Option	● Standard: Power adjustment
Exterior Mirror Functions - Heating	● Standard: Heating

Parameter	XPeng G6 2024 580Long RangePlus
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
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	-
Interior Sunshade	-
Rain-sensing Wipers	Standard
Rear Wiper	Standard
Rear Window Open Method	-
Multi-layer Acoustic Glass	Front row
Heated Windshield	-
Heated Washer Nozzles	-
Optional Package	-
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	-
AQS Air Quality Management	-
On-board Refrigerator	-
Refrigerator Functions	-

## Smart Features

Parameter	XPeng G6 2024 580Long RangePlus
ADAS Operating System (Summary)	● Standard: XPILOT
XNGP	-
XPILOT	● Standard: XPILOT
Driver Assistance Chip	● Standard: NVIDIA DRIVE Orin X
Turing	-
Turing*2	-
NVIDIA DRIVE Orin X*2	-
NVIDIA DRIVE Orin X	● Standard: NVIDIA DRIVE Orin X
Driver Assistance Chip Computing Power (TOPS)	● Standard: 254
254	● Standard: 254
508	-
750	-
1500	-
CAR Intelligent System (Summary)	● Standard: XOS Dimensity
Dimensity AIOS	-
XOS Dimensity	● Standard: XOS Dimensity
Vehicle Smart Chip	● Standard: highthroughSnapdragon8155P
MT8676	-

Parameter	XPeng G6 2024 580Long RangePlus
MT8676&Turing	-
Qualcomm Snapdragon 8295	-
highthroughSnapdragon8155P	● Standard: highthroughSnapdragon8155P
Infotainment System Memory (GB)	● Standard: 16
CAR System Memory 16	● Standard: 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
Number of Exterior Cameras	11
Exterior Camera Resolution	● Standard: 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	3
Laser Radar	-
LiDAR Brand	-
SpeedTengju Chuang	-
LiDAR Line Count (Lines)	-
96	-
Sub-meter High-precision Positioning	Standard
High-precision Map	-
Sentinel Mode	Standard
V2X Communication	-
Optional Package	-
Custom Options	Optional exterior, interior, wheels, brakes
Optional Package	-
Ultra SEsmartLLevelPackage	-
Ultra SEsmartLLevelPackage	-
HALO Interactive Screen	-
UltrasmartLLevelPackage	-
UltrasmartLLevelPackage	-
Front rowDualZero GravitySeats	-
wheels/tireLLevelpackage	-
wheels/tireLLevelpackage	-
IntelligentInductionPowerDoorPackage	-
SportPerformancePackage	-
SportPerformancePackage	-
Intelligent WelcomePackage	-
BlackSamuraiLLevelpackage	-
BlackSamuraiLLevelpackage	-