

XPeng P7 2023 P7i 610 Peng Wing Performanceversion Specifications

Basic Information

Parameter	XPeng P7 2023 P7i 610 Peng Wing Performanceversion
Official Price	RMB 339,900
Manufacturer	XPengVehicle
Class	mid-largeVehicle
Energy Type	Pure Electric
Market Time	2023.03
Electric Description	Pure Electric 473 hp
CLTC Range	610
Nedc Recharge Mileage	-
Wltc Recharge Mileage	-
CLTC Pure Electric Range (km)	610
High-Voltage Fast Charging Platform	● Standard: 500V
500	● Standard: 500V
800	-
Charging Time	Fast charge 29 min
Fast Charging Window (%)	10-80
Maximum Power (kW)	348(473Ps)
Maximum Torque (N·m)	757
Transmission Description	EV single-speed transmission
Length x Width x Height (mm)	4888x1896x1450
Body Structure	4-door 5-seat sedan
Top Speed (km/h)	200
Official 0-100 km/h Acceleration (s)	3.9
Energy Consumption (kWh/100km)	15.6
Equivalent Fuel Consumption (L/100km)	1.76
Vehicle Warranty	5 years or 120,000 km
Estimated Maintenance Cost over 60,000 km	RMB 2,371

Body

Parameter	XPeng P7 2023 P7i 610 Peng Wing Performanceversion
Length (mm)	4888
Width (mm)	1896
Height (mm)	1450
Wheelbase (mm)	2998
Front Track (mm)	1615
Rear Track (mm)	1621
Minimum Ground Clearance (mm)	-
Body Structure	sedan
Number of Doors	4
Door Opening Type	ScissorDoor
Seats	5
Curb Weight (kg)	2140
Gross Weight (kg)	2515
FrontCargo Volume(L)	-
Cargo Volume (L)	-
Minimum Turning Radius (m)	-

Parameter	XPeng P7 2023 P7i 610 Peng Wing Performanceversion
Drag Coefficient (Cd)	-

Electric Motor

Parameter	XPeng P7 2023 P7i 610 Peng Wing Performanceversion
Electric Description	Pure Electric 473 hp
Motor Type	Frontinduction/asynchronous RearPermanent magnet synchronous
Total Motor Power	348
Total Motor Horsepower (Ps)	473
Total Motor Torque	757
Front Motor Max Power (kW)	145
Front Motor Max Torque (N·m)	317
Rear Motor Max Power (kW)	203
Rear Motor Max Torque (N·m)	440
Drive Motor Count	Dual motor
Motor Layout	Front-mounted+Rear-mounted

Battery / Charging

Parameter	XPeng P7 2023 P7i 610 Peng Wing Performanceversion
Battery Type	Ternary lithium battery
Battery Special Technology	-
Cell Brand	CALB
Battery Warranty	8 years or 160,000 km
Battery Capacity	86.2
Battery Energy Density (Wh/kg)	160.0
Battery Charging Rate	-
5	-
Battery Charging (Summary)	● Standard: Fast charge 29 min; ● Standard: Fast charging port
Charging Time	Fast charge 29 min
Battery Charging - Fast Charging Port	● Standard: Fast charging port
MAX Fast Charge Power	175
Fast Charging Port Position (Summary)	Right rear fender
Fast Charging Port Position - Option	Right rear fender
Slow Charging Port Position (Summary)	left fuelboxposition
Slow Charging Port Position - Option	-
Left Fuel Tank Position	left fuelboxposition
Battery Heating System	Standard
Battery Cooling System	Liquid cooling
One-pedal Mode	Standard
VTOL Mobile Power Station	Standard
VTOL Maximum External Discharge Power	-
VTOV Maximum External Discharge Power	-

Transmission

Parameter	XPeng P7 2023 P7i 610 Peng Wing Performanceversion
Transmission Description	EV single-speed transmission
Number of Gears	1
Transmission Type	Fixed Gear Ratio Transmission

Chassis / Steering

Parameter	XPeng P7 2023 P7i 610 Peng Wing Performanceversion
Drive Type	Dual motor4WD

Parameter	XPeng P7 2023 P7i 610 Peng Wing Performanceversion
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 P7 2023 P7i 610 Peng Wing Performanceversion
Front Brake Type	Ventilated disc
Rear Brake Type	Ventilated disc
Parking Brake Type	Electronic parking brake
Front Tire Size	245/45 R19
Rear Tire Size	245/45 R19
Spare Tire Specification	-
Passive 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; ● Standard: Front cross traffic alert; ● Standard: Front cross traffic braking
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	● Standard: Front cross traffic alert
Front cross traffic braking	● Standard: 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	-
Front row	-
Seat Belt Reminder	Standard
TPMS	Tire pressure display

Parameter	XPeng P7 2023 P7i 610 Peng Wing Performanceversion
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	-
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; ● Standard: Urban navigation assist
Highway navigation assist	● Standard: Highway navigation assist
Urban navigation assist	● Standard: Urban navigation assist
ADAS Level	L2
Automatic Parking	Standard
Reverse Path Tracking	-
Memory Parking	Standard
Auto Hold	Standard
Hill Start Assist (HAC)	Standard
Hill Descent Control (HDC)	-
Variable Suspension	Damping stiffness adjustment
Air Suspension	-
Air Suspension Type	-
Dual Chamber	-
Electromagnetic Suspension	-
Variable Steering Ratio	-
Front Axle Limited-slip Type	-
Rear Axle Limited-slip Type	-
Center Differential Lock	-
Active Rear Steering	-
Drive Mode Selection (Summary)	● Standard: Sport; ● Standard: Standard Comfort; ● Standard: Track
Drive Mode Selection - Sport	● Standard: Sport
Drive Mode Selection - Snow	-
Drive Mode Selection - Custom	-
Drive Mode Selection - ECO	-
Drive Mode Selection - Standard / Comfort	● Standard: Standard Comfort
LaunchMode	-
Track	● Standard: Track
Brake Energy Recovery	Standard
Comfortable Braking	-
Low-speed Warning Sound	Standard

Parameter	XPeng P7 2023 P7i 610 Peng Wing Performanceversion
Interior Features	-
Sunroof Type	Segmented fixed sunroof
Smart Dimming Roof	-
Roof Rack	-
Sport Appearance Package	-
Power Spoiler	-
Active Grille Shutters	Standard
Alloy Wheels	Standard
Frameless Doors	Standard
Hidden Door Handles	Standard
Tow Hook	-
Comfort / Anti-theft	-
Steering Wheel Material (Summary)	● Standard: Genuine leather
Genuine leather	● Standard: Genuine leather
Steering Wheel Adjustment	Tilt and telescopic
Power Steering Wheel Adjustment	-
Steering Wheel Functions (Summary)	● Standard: Multifunction controls; ● Standard: Heating
Steering Wheel Functions - Multi-function Control	● Standard: Multifunction controls
Memory	-
Heating	● Standard: 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: 10.25
LCD Instrument Cluster Size - 8.8 in	-
10.25	● Standard: 10.25
LCD Instrument Resolution	-
1920x720	-
Instrument Cluster Screen Pixel Density(PPI)	-
200	-
Exterior Features	-
Soft-close Doors	Standard
PowerSwing/Swing-Up Door	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 - NFC/RFID Key	-
Remote Key Type - Bluetooth Key	● Standard: Phone Bluetooth key
UWBDigital key	-
Keyless Entry	All windows
Keyless Start	Standard
Remote Start	Standard
Remote Vehicle Move	Standard
Vehicle Summon	Standard
Head-up Display (HUD)	-
AR HUD	-
Built-in Driving Recorder	Standard
Factory ETC	Optional
Active Noise Cancellation	-
Wireless Phone Charging	Standard

Parameter	XPeng P7 2023 P7i 610 Peng Wing Performanceversion
Wireless Charging MAX Power (Summary)	15
15	15
Wireless Charging MAX Power 50	-
AC Power Outlet	-
Cargo 12V Power Outlet	-
Seat Features	-
Seat Material	Genuine leather
SeatsLeatherStyle	● Standard: NappaGenuine leather
NappaGenuine leather	● Standard: NappaGenuine leather
Sport Seats	Standard
Second-row Independent Seats	-
Zero Gravity Seat	-
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: lumbar
Lumbar	● Standard: lumbar
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)	-
Lumbar	-
Second-row Seat Main Adjustments (Summary)	-
Second-row Seat Fine Adjustments	-
Front Seat Functions	● Standard: Heating; ● Standard: Ventilation; ● Standard: Memory
Front Seat Functions - Option	● Standard: Heating
Ventilation	● Standard: Ventilation
Memory	● Standard: Memory
Massage	-
Ventilation(driver seat)	-
Memory(driver seat)	-
Second-row Seat Functions	● Standard: Heating
Heating	● Standard: Heating
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	-
Rear Seat Folding Ratio	40:60
Second-row Tray Table	-
Audio / Entertainment	-
Center Screen Size (in)	14.96
Center Screen Material	● Standard: LCD
Center Console Screen Material 2 - LCD	● Standard: LCD

Parameter	XPeng P7 2023 P7i 610 Peng Wing Performanceversion
Center Screen Resolution (Summary)	-
2400x1200	-
Center Console ColorColorScreen Pixel Density(PPI)	-
179	-
Rotatable Center Screen	-
Satellite Navigation	Standard
AR Navigation	-
Navigation Traffic Display	Standard
MAP Brand (Summary)	● Standard: Amap
Amap	● Standard: Amap
Roadside Assistance	-
Bluetooth / Car Phone	Standard
Phone Mirroring (Summary)	-
Phone Mirroring - Carlink	-
Phone Mirroring - HUAWEI HiCar	-
Phone Mirroring - CarPlay	-
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
Voice Wake-up by Zone - Single Zone	-
Continuous Voice Recognition	Standard
Visible-to-speak Control	Standard
Voice Assistant Wake-up Phrase	HelloSmallP
Gesture Control	-
Wi-Fi Hotspot	Standard
Windows / Mirrors	-
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: 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	Rear row: 60 W
Front row: 60 W	-
Rear row: 60 W	Rear row: 60 W
In-car TV	-
Rear LCD Screen	-
Rear rowScreen Size(Inch)	-
8	-
Simulated Engine Sound	-
Karaoke	-

Parameter	XPeng P7 2023 P7i 610 Peng Wing Performanceversion
Audio Brand	● Standard: Dynaudio
Dynaudio	● Standard: Dynaudio
Number of Speakers	● Standard: 20
4	-
8	-
18	-
18	-
20	● Standard: 20
23	-
26	-
Dolby Atmos	Standard
Sound System Layout	7.1.4
Amplifier Max Output Power (W)	● Standard: 860
860	● Standard: 860
Seat Speakers (Headrest / Shoulder)	Standard
SKY Sound Channel	Standard
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	-
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	-
CO2Heat pump A/CSystem	-
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
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
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

Parameter	XPeng P7 2023 P7i 610 Peng Wing Performanceversion
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	-
Multi-layer Acoustic Glass	-
Heated Windshield	-
Heated Washer Nozzles	-
LohasPackage	-
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	Standard
Fragrance System	Standard
AQS Air Quality Management	Standard
On-board Refrigerator	-
Refrigerator Functions	-

Smart Features

Parameter	XPeng P7 2023 P7i 610 Peng Wing Performanceversion
ADAS Operating System (Summary)	● Standard: XNGP
XNGP	● Standard: XNGP
XPILOT	-
Driver Assistance Chip	● Standard: NVIDIA DRIVE Orin X*2
Turing	-
Turing*2	-
NVIDIA DRIVE Orin X	-
NVIDIA DRIVE Orin X*2	● Standard: NVIDIA DRIVE Orin X*2
NVIDIA DRIVE Xavier	-
Driver Assistance Chip Computing Power (TOPS)	● Standard: 508
30	-
254	-
508	● Standard: 508
750	-
1500	-
CAR Intelligent System (Summary)	● Standard: XOS Dimensity
Dimensity AIOS	-
XOS Dimensity	● Standard: XOS Dimensity
Xmart OS	-
Vehicle Smart Chip	● Standard: highthroughSnapdragonSA8155P
Qualcomm Snapdragon 8295	-
highthroughSnapdragon8295&Turing	-
highthroughSnapdragonSA8155P	● Standard: highthroughSnapdragonSA8155P
highthroughSnapdragon8155P	-
Infotainment System Memory (GB)	-
8	-
Infotainment System Storage (GB)	-

Parameter	XPeng P7 2023 P7i 610 Peng Wing Performanceversion
CAR System Storage 128	-
Mobile App Remote Control (Summary)	● Standard: Digital key; ● Standard: Vehicle monitoring; ● Standard: Remote control; ● Standard: Charging management; ● Standard: Service appointment
Mobile App Remote Control - Digital Key	● 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
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	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	Standard
V2X Communication	-
Optional Package	-
Custom Options	Optional exterior, interior, wheels, brakes
Ultra SEsmartLLevelPackage	-
Ultra SEsmartLLevelPackage	-
Ultra SEsmartLLevelPackage	-
Optional Package	-
Ultra smartLLevelPackage	-
Ultra smartLLevelPackage	-
Optional Package	-
XPILOT 3.0SoftwareandLLevelService	-
XPILOT 3.0SoftwareandLLevelService	-
Convenience Charging Kit	-
Convenience Charging Kit	-
Convenience Charging Kit	-
Front rowFramelessVehicleDoor	-
Front rowFramelessVehicleDoor	-
Front rowFramelessVehicleDoor	-
Platinum Audiosystem	-
Starlight KnightLLevelpackage	-
Starlight KnightLLevelpackage	-
smartmusicCockpitExtended RangePerformance Kit	-
smartmusicCockpitExtended RangePerformance Kit	-
smartmusicCockpitExtended RangePerformance Kit	-
Night KnightLLevelpackage	-
Night KnightLLevelpackage	-
Night KnightLLevelpackage	-

Parameter	XPeng P7 2023 P7i 610 Peng Wing Performanceversion
SpecialcolorConfiguration	-
ComfortLiterLevelPackage	● Standard
Poweropen/closeFrontPeng WingDoor	● Standard
Transparent Chassis	-
Transparent Chassis	-