

# XPeng P7 2025 820 Ultra Long Range Ultra Specifications

## Basic Information

Parameter	XPeng P7 2025 820 Ultra Long Range Ultra
Official Price	RMB 239,800
Manufacturer	XPengVehicle
Class	mid-largeVehicle
Energy Type	Pure Electric
Market Time	2025.08
Electric Description	Pure Electric 367 hp
CLTC Range	820
Nedc Recharge Mileage	-
Wltc Recharge Mileage	-
CLTC Pure Electric Range (km)	820
High-Voltage Fast Charging Platform	● Standard: 800V
500	-
800	● Standard: 800V
Charging Time	Fast charge 11 min
Fast Charging Window (%)	10-80
Maximum Power (kW)	270(367Ps)
Maximum Torque (N-m)	465
Transmission Description	EV single-speed transmission
Length x Width x Height (mm)	5017x1970x1427
Body Structure	5-door 5-seat HatchbackVehicle
Top Speed (km/h)	230
Official 0-100 km/h Acceleration (s)	5.4
Energy Consumption (kWh/100km)	12
Equivalent Fuel Consumption (L/100km)	1.39
Vehicle Warranty	5 years or 120,000 km
Estimated Maintenance Cost over 60,000 km	-

## Body

Parameter	XPeng P7 2025 820 Ultra Long Range Ultra
Length (mm)	5017
Width (mm)	1970
Height (mm)	1427
Wheelbase (mm)	3008
Front Track (mm)	1682
Rear Track (mm)	1682
Minimum Ground Clearance (mm)	-
Body Structure	HatchbackVehicle
Number of Doors	5
Door Opening Type	Hinged doors
Seats	5
Curb Weight (kg)	2090
Gross Weight (kg)	2540
FrontCargo Volume(L)	56
Cargo Volume (L)	575-1929
Minimum Turning Radius (m)	5.95m
Drag Coefficient (Cd)	0.201

## Electric Motor

Parameter	XPeng P7 2025 820 Ultra Long Range Ultra
Electric Description	Pure Electric 367 hp
Motor Type	Permanent magnet synchronous
Total Motor Power	270
Total Motor Horsepower (Ps)	367
Total Motor Torque	465
Front Motor Max Power (kW)	-
Front Motor Max Torque (N·m)	-
Rear Motor Max Power (kW)	270
Rear Motor Max Torque (N·m)	465
Drive Motor Count	Single motor
Motor Layout	Rear-mounted

## Battery / Charging

Parameter	XPeng P7 2025 820 Ultra Long Range Ultra
Battery Type	Ternary lithium battery
Battery Special Technology	5C Supercharging AI Battery
Cell Brand	CALB
Battery Warranty	8 years or 160,000 km
Battery Capacity	92.2
Battery Energy Density (Wh/kg)	-
Battery Charging Rate	● Standard: 5C
5	● Standard: 5C
Battery Charging (Summary)	● Standard: Fast charge 11 min; ● Standard: Fast charging port
Charging Time	Fast charge 11 min
Battery Charging - Fast Charging Port	● Standard: Fast charging port
MAX Fast Charge Power	-
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
Left Fuel Tank Position	-
Battery Heating System	Standard
Battery Cooling System	Liquid cooling
One-pedal Mode	Standard
VTOL Mobile Power Station	Standard
VTOL Maximum External Discharge Power	6kW
VTOV Maximum External Discharge Power	-

## Transmission

Parameter	XPeng P7 2025 820 Ultra Long Range Ultra
Transmission Description	EV single-speed transmission
Number of Gears	1
Transmission Type	Fixed Gear Ratio Transmission

## Chassis / Steering

Parameter	XPeng P7 2025 820 Ultra Long Range Ultra
Drive Type	Rear-mounted RWD
Four-wheel-drive Type	-
Front Suspension	double wishbone independent suspension
Rear Suspension	Multi-link independent suspension

Parameter	XPeng P7 2025 820 Ultra Long Range Ultra
Steering Type	Electric power steering
Vehicle Body Structure	Unibody

## Wheels / Brakes

Parameter	XPeng P7 2025 820 Ultra Long Range Ultra
Front Brake Type	Ventilated disc
Rear Brake Type	Ventilated disc
Parking Brake Type	Electronic parking brake
Front Tire Size	245/45 R20
Rear Tire Size	275/40 R20
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	Standard
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	● Standard: Front row
Front row	● Standard: Front row
Seat Belt Reminder	Standard
TPMS	Tire pressure display
ISOFIX	Standard
Passive Pedestrian Protection	-
Run-flat Tire	-

Parameter	XPeng P7 2025 820 Ultra Long Range Ultra
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; ● 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	Standard
Memory Parking	Standard
Auto Hold	Standard
Hill Start Assist (HAC)	Standard
Hill Descent Control (HDC)	Standard
Variable Suspension	Damping stiffness adjustment+high/low
Air Suspension	Standard
Air Suspension Type	● Standard: dual-chamber
Dual Chamber	● Standard: 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: Snow; ● Standard: unitPersonalized; ● Standard: ECO/Economy; ● Standard: Standard Comfort; ● Standard: launch control
Drive Mode Selection - Sport	● Standard: Sport
Drive Mode Selection - Snow	● Standard: Snow
Drive Mode Selection - Custom	● Standard: unitPersonalized
Drive Mode Selection - ECO	● Standard: ECO/Economy
Drive Mode Selection - Standard / Comfort	● Standard: Standard Comfort
LaunchMode	● Standard: launch control
Track	-
Brake Energy Recovery	Standard
Comfortable Braking	Standard
Low-speed Warning Sound	Standard
Interior Features	-
Sunroof Type	Panoramic glass roof
Smart Dimming Roof	-

Parameter	XPeng P7 2025 820 Ultra Long Range Ultra
Roof Rack	-
Sport Appearance Package	-
Power Spoiler	Optional (RMB 6,000)
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	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)	● Standard: Electronic column shifter
Gear Selector Type - Option	● Standard: Electronic column shifter
LCD Cluster Style	Full LCD
LCD Cluster Size (in) (Summary)	● Standard: 8.8
LCD Instrument Cluster Size - 8.8 in	● Standard: 8.8
10.25	-
LCD Instrument Resolution	-
1920x720	-
Instrument Cluster Screen Pixel Density(PPI)	-
200	-
Exterior Features	-
Soft-close Doors	-
PowerSwing/Swing-Up Door	-
Power Tailgate	Standard
Hands-free Tailgate	-
Tailgate Position Memory	Standard
Central Locking	Standard
Remote Key Type (Summary)	■ Optional: Smart remote key; ● Standard: NFC/RFID key; ● Standard: Phone Bluetooth key; ● Standard: UWBDigital key
Remote Key Type - Smart Remote Key	■ Optional: Smart remote key
Remote Key Type - NFC/RFID Key	● Standard: NFC/RFID key
Remote Key Type - Bluetooth Key	● Standard: Phone Bluetooth key
UWBDigital key	● Standard: UWBDigital key
Keyless Entry	Front row
Keyless Start	Standard
Remote Start	Standard
Remote Vehicle Move	Standard
Vehicle Summon	-
Head-up Display (HUD)	Standard
AR HUD	Standard
Built-in Driving Recorder	Standard
Factory ETC	-
Active Noise Cancellation	-
Wireless Phone Charging	Standard
Wireless Charging MAX Power (Summary)	50
15	-

Parameter	XPeng P7 2025 820 Ultra Long Range Ultra
Wireless Charging MAX Power 50	50
AC Power Outlet	-
Cargo 12V Power Outlet	Standard
Seat Features	-
Seat Material	Leather/Suede
SeatsLeatherStyle	● Standard: NappaGenuine leather
NappaGenuine leather	● Standard: NappaGenuine leather
Sport Seats	Standard
Second-row Independent Seats	-
Zero Gravity Seat	Optional (RMB 6,000)
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; ● Standard: Leg rest
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: lumbar
Lumbar	● Standard: lumbar
Second-row Seat Main Adjustments (Summary)	-
Second-row Seat Fine Adjustments	-
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
Ventilation(driver seat)	-
Memory(driver seat)	-
Second-row Seat Functions	● Standard: Heating
Heating	● Standard: Heating
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	-
Rear Seat Folding Ratio	40:60
Second-row Tray Table	-
Audio / Entertainment	-
Center Screen Size (in)	15.6
Center Screen Material	● Standard: LCD
Center Console Screen Material 2 - LCD	● Standard: LCD
Center Screen Resolution (Summary)	-
2400x1200	-

Parameter	XPeng P7 2025 820 Ultra Long Range Ultra
Center Console ColorColorScreen Pixel Density(PPI)	-
179	-
Rotatable Center Screen	Standard
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: Carlink; ● Standard: HUAWEI HiCar; ● Standard: CarPlay; ● Standard: Factory system
Phone Mirroring - Carlink	● Standard: Carlink
Phone Mirroring - HUAWEI HiCar	● Standard: HUAWEI HiCar
Phone Mirroring - CarPlay	● Standard: CarPlay
Phone Mirroring - Factory System	● Standard: 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	Standard
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	HelloSmallIP
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: 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 row60W; Rear row60W
Front row: 60 W	Front row: 60 W
Rear row: 60 W	Rear row: 60 W
In-car TV	-
Rear LCD Screen	Standard
Rear rowScreen Size(Inch)	● Standard: 8
8	● Standard: 8
Simulated Engine Sound	-
Karaoke	Standard
Audio Brand	-
Dynaudio	-

Parameter	XPeng P7 2025 820 Ultra Long Range Ultra
Number of Speakers	● Standard: 23
4	-
8	-
18	-
18	-
20	-
23	● Standard: 23
26	-
Dolby Atmos	-
Sound System Layout	7.1.4
Amplifier Max Output Power (W)	-
860	-
Seat Speakers (Headrest / Shoulder)	Standard
SKY Sound Channel	Standard
Rear Multimedia Controls	Standard
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
Standard	● 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; ● Standard: streaming media
Automatic anti-glare	● Standard: AutomaticAnti-Glare
Streaming Media	● Standard: 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

Parameter	XPeng P7 2025 820 Ultra Long Range Ultra
Rear Privacy Glass	Standard
Interior Sunshade	-
Rain-sensing Wipers	Standard
Rear Wiper	-
Multi-layer Acoustic Glass	Front row
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	-
Fragrance System	Standard
AQS Air Quality Management	-
On-board Refrigerator	-
Refrigerator Functions	-

## Smart Features

Parameter	XPeng P7 2025 820 Ultra Long Range Ultra
ADAS Operating System (Summary)	● Standard: XNGP
XNGP	● Standard: XNGP
XPILOT	-
Driver Assistance Chip	● Standard: Turing*2
Turing	-
Turing*2	● Standard: Turing*2
NVIDIA DRIVE Orin X	-
NVIDIA DRIVE Orin X*2	-
NVIDIA DRIVE Xavier	-
Driver Assistance Chip Computing Power (TOPS)	● Standard: 1500
30	-
254	-
508	-
750	-
1500	● Standard: 1500
CAR Intelligent System (Summary)	● Standard: Dimensity AIOS
Dimensity AIOS	● Standard: Dimensity AIOS
XOS Dimensity	-
Xmart OS	-
Vehicle Smart Chip	● Standard: highthroughSnapdragon8295&Turing
Qualcomm Snapdragon 8295	-
highthroughSnapdragon8295&Turing	● Standard: highthroughSnapdragon8295&Turing
highthroughSnapdragonSA8155P	-
highthroughSnapdragon8155P	-
Infotainment System Memory (GB)	-
8	-
Infotainment System Storage (GB)	-
CAR System Storage 128	-

Parameter	XPeng P7 2025 820 Ultra Long Range Ultra
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	12
Exterior Camera Resolution	-
80010k*2unit,20010k*9unit	-
Interior Camera Count	● Standard: 2
Incar Camera Count 1	-
Incar Camera Count 2	● Standard: 2
Interior Camera Resolution	-
Number of Ultrasonic Radars	12
Millimeter Wave Radar	3
Laser Radar	-
LiDAR Brand	-
SpeedTengju Chuang	-
LiDAR Line Count (Lines)	-
126	-
Sub-meter High-precision Positioning	Standard
High-precision Map	-
Sentinel Mode	Standard
V2X Communication	-
Optional Package	-
Custom Options	Optional exterior, interior, wheels, brakes; 2typeOptional Package
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	-
SpecialcolorConfiguration	-

Parameter	XPeng P7 2025 820 Ultra Long Range Ultra
ComfortLiterLevelPackage	-
Poweropen/closeFrontPeng WingDoor	-
Transparent Chassis	-
Transparent Chassis	-