

# XPeng P7 2020 RearDriveLong RangeSmart Mobility Edition Specifications

## Basic Information

Parameter	XPeng P7 2020 RearDriveLong RangeSmart Mobility Edition
Official Price	RMB 229,900
Manufacturer	XPengVehicle
Class	mid-largeVehicle
Energy Type	Pure Electric
Market Time	2020.04
Electric Description	Pure Electric 267 hp
CLTC Range	586
Nedc Recharge Mileage	-
Wltc Recharge Mileage	-
CLTC Pure Electric Range (km)	-
High-Voltage Fast Charging Platform	-
500	-
800	-
Charging Time	Fast charge 28 min; Slow charge 5.7 h
Fast Charging Window (%)	80
Maximum Power (kW)	196(267Ps)
Maximum Torque (N-m)	390
Transmission Description	EV single-speed transmission
Length x Width x Height (mm)	4880x1896x1450
Body Structure	4-door 5-seat sedan
Top Speed (km/h)	170
Official 0-100 km/h Acceleration (s)	6.7
Energy Consumption (kWh/100km)	-
Equivalent Fuel Consumption (L/100km)	-
Vehicle Warranty	5 years or 120,000 km
Estimated Maintenance Cost over 60,000 km	RMB 2,838

## Body

Parameter	XPeng P7 2020 RearDriveLong RangeSmart Mobility Edition
Length (mm)	4880
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	Hinged doors
Seats	5
Curb Weight (kg)	1865
Gross Weight (kg)	2265
FrontCargo Volume(L)	-
Cargo Volume (L)	440
Minimum Turning Radius (m)	-

Parameter	XPeng P7 2020 RearDriveLong RangeSmart Mobility Edition
Drag Coefficient (Cd)	0.236

## Electric Motor

Parameter	XPeng P7 2020 RearDriveLong RangeSmart Mobility Edition
Electric Description	Pure Electric 267 hp
Motor Type	Permanent magnet synchronous
Total Motor Power	196
Total Motor Horsepower (Ps)	267
Total Motor Torque	390
Front Motor Max Power (kW)	-
Front Motor Max Torque (N·m)	-
Rear Motor Max Power (kW)	196
Rear Motor Max Torque (N·m)	390
Drive Motor Count	Single motor
Motor Layout	Rear-mounted

## Battery / Charging

Parameter	XPeng P7 2020 RearDriveLong RangeSmart Mobility Edition
Battery Type	Ternary lithium battery
Battery Special Technology	-
Cell Brand	-
Battery Warranty	8 years or 150,000 km
Battery Capacity	-
Battery Energy Density (Wh/kg)	-
Battery Charging Rate	-
5	-
Battery Charging (Summary)	● Standard: Fast charge 28 min; ● Standard: Slow charge 5.7 h; ● Standard: Fast charging port
Charging Time	Fast charge 28 min; Slow charge 5.7 h
Battery Charging - Fast Charging Port	● Standard: Fast charging port
MAX Fast Charge Power	-
Fast Charging Port Position (Summary)	-
Fast Charging Port Position - Option	-
Slow Charging Port Position (Summary)	-
Slow Charging Port Position - Option	-
Left Fuel Tank Position	-
Battery Heating System	Standard
Battery Cooling System	Liquid cooling
One-pedal Mode	-
VTOL Mobile Power Station	-
VTOL Maximum External Discharge Power	-
VTOV Maximum External Discharge Power	-

## Transmission

Parameter	XPeng P7 2020 RearDriveLong RangeSmart Mobility Edition
Transmission Description	EV single-speed transmission
Number of Gears	1
Transmission Type	Fixed Gear Ratio Transmission

## Chassis / Steering

Parameter	XPeng P7 2020 RearDriveLong RangeSmart Mobility Edition
Drive Type	Rear-mounted RWD

Parameter	XPeng P7 2020 RearDriveLong RangeSmart Mobility Edition
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 P7 2020 RearDriveLong RangeSmart Mobility Edition
Front Brake Type	Ventilated disc
Rear Brake Type	Ventilated disc
Parking Brake Type	Electronic parking brake
Front Tire Size	245/50 R18
Rear Tire Size	245/50 R18
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	-
Active Safety Warning System - Lane Departure Warning	-
Active Safety Warning System - Forward Collision Warning	-
Rear collision warning	-
Rear cross traffic alert	-
DOW door opening warning	-
Front cross traffic alert	-
Front cross traffic braking	-
Automatic Emergency Braking	-
Blind Spot Assist	-
Lane Keeping Assist	-
Lane Centering Assist	-
Driver Fatigue Warning	-
Active DMS Fatigue Detection	-
Cabin Vital-sign Detection	-
Traffic Sign Recognition	-
Traffic Light Recognition	-
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	-
Front Knee Airbags	-
Center Airbag	-
Front row	-
Seat Belt Reminder	Standard
TPMS	Tire pressure display
ISOFIX	Standard

Parameter	XPeng P7 2020 RearDriveLong RangeSmart Mobility Edition
Passive Pedestrian Protection	-
Run-flat Tire	-
Driver Assistance / Control	-
Parking Radar (Summary)	● Standard: Rear
Front	-
Parking Radar - Rear	● Standard: Rear
Front Vehicle Departure Reminder	-
Narrow Road Assistance	-
Driving Assistance Camera (Summary)	● Standard: Rear view camera
Driving Assistance Camera - Reverse Camera	● Standard: Rear view camera
Side Blind Zone Camera	-
Driving Assistance Camera - 360° Panoramic Camera	-
Driving Assistance Camera - Transparent Chassis View	-
Cruise System (Summary)	● Standard: Cruise control
Cruise System - Option	● Standard: Cruise control
Cruise System - Adaptive Cruise Control	-
Cruise System - Full-speed Adaptive Cruise Control	-
Automatic Lane Change Assist	-
Automatic Ramp Exit / Entry	-
Navigation Assisted Driving	-
Highway navigation assist	-
Urban navigation assist	-
ADAS Level	-
Automatic Parking	-
Reverse Path Tracking	-
Memory Parking	-
Auto Hold	Standard
Hill Start Assist (HAC)	Standard
Hill Descent Control (HDC)	-
Variable Suspension	-
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: ECO/Economy; ● Standard: Standard Comfort
Drive Mode Selection - Sport	● Standard: Sport
Drive Mode Selection - Snow	-
Drive Mode Selection - Custom	-
Drive Mode Selection - ECO	● Standard: ECO/Economy
Drive Mode Selection - Standard / Comfort	● Standard: Standard Comfort
LaunchMode	-
Track	-
Brake Energy Recovery	Standard
Comfortable Braking	-
Low-speed Warning Sound	Standard
Interior Features	-
Sunroof Type	Segmented fixed sunroof
Smart Dimming Roof	-

Parameter	XPeng P7 2020 RearDriveLong RangeSmart Mobility Edition
Roof Rack	-
Sport Appearance Package	-
Power Spoiler	-
Active Grille Shutters	-
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
Steering Wheel Functions - Multi-function Control	● Standard: Multifunction controls
Memory	-
Heating	-
Gear Selector Type (Summary)	-
Gear Selector Type - Option	-
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	-
PowerSwing/Swing-Up Door	-
Power Tailgate	-
Hands-free Tailgate	-
Tailgate Position Memory	-
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
UWB Digital key	-
Keyless Entry	All windows
Keyless Start	Standard
Remote Start	Standard
Remote Vehicle Move	-
Vehicle Summon	-
Head-up Display (HUD)	-
AR HUD	-
Built-in Driving Recorder	-
Factory ETC	-
Active Noise Cancellation	-
Wireless Phone Charging	-
Wireless Charging MAX Power (Summary)	-
15	-
Wireless Charging MAX Power 50	-

Parameter	XPeng P7 2020 RearDriveLong RangeSmart Mobility Edition
AC Power Outlet	Optional
Cargo 12V Power Outlet	-
Seat Features	-
Seat Material	LeatherFabric Mix
SeatsLeatherStyle	-
NappaGenuine leather	-
Sport Seats	-
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)	-
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	-
Front Seat Functions - Option	-
Ventilation	-
Memory	-
Massage	-
Ventilation(driver seat)	-
Memory(driver seat)	-
Second-row Seat Functions	-
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	-
Center Console Screen Material 2 - LCD	-
Center Screen Resolution (Summary)	-
2400x1200	-
Center Console ColorColorScreen Pixel Density(PPI)	-

Parameter	XPeng P7 2020 RearDriveLong RangeSmart Mobility Edition
179	-
Rotatable Center Screen	-
Satellite Navigation	Standard
AR Navigation	-
Navigation Traffic Display	Standard
MAP Brand (Summary)	-
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)	-
5G	-
Mobile Network - 4G	-
OTA Upgrade	Standard
Face Recognition	-
Fingerprint Recognition	-
Voiceprint Recognition	-
Emotion Recognition	-
Voice Recognition Control	Standard
Wake-word-free Voice Control	-
Voice Wake-up by Zone (Summary)	-
Voice Wake-up by Zone - Four Zones	-
Voice Wake-up by Zone - Single Zone	-
Continuous Voice Recognition	-
Visible-to-speak Control	-
Voice Assistant Wake-up Phrase	-
Gesture Control	-
Wi-Fi Hotspot	-
Windows / Mirrors	-
Multi-finger Screen Control	-
App Store	-
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
USB/Type-C Port Count - 2 Front	● Standard: Front row: 2
USB/Type-C Port Count - 1 Rear	-
USB/Type-C Max Charging Power	-
Front row: 60 W	-
Rear row: 60 W	-
In-car TV	-
Rear LCD Screen	-
Rear rowScreen Size(Inch)	-
8	-
Simulated Engine Sound	-
Karaoke	-
Audio Brand	-
Dynaudio	-
Number of Speakers	● Standard: 4

Parameter	XPeng P7 2020 RearDriveLong RangeSmart Mobility Edition
4	● Standard: 4
8	-
18	-
18	-
20	-
23	-
26	-
Dolby Atmos	-
Sound System Layout	-
Amplifier Max Output Power (W)	-
860	-
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	-
Automatic Headlights	Standard
Cornering Lights	Standard
Front Fog Lights	-
Adaptive Front-lighting System (AFS)	-
Headlight Height Adjustment	Standard
Headlight Washers	-
Ambient Lighting	-
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
Exterior Mirror Functions - Option	● Standard: Power adjustment
Exterior Mirror Functions - Heating	-
Exterior Mirror Functions - Power Folding	-
Memory	-
ReverseAutomatictilt-down	-
Exterior Mirror Functions - Auto Fold on Lock	-
Interior Mirror Functions	-
Automatic anti-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	-

Parameter	XPeng P7 2020 RearDriveLong RangeSmart Mobility Edition
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	-
Cabin PM2.5 Filter	-
Negative-ion Generator	-
Fragrance System	-
AQS Air Quality Management	-
On-board Refrigerator	-
Refrigerator Functions	-

## Smart Features

Parameter	XPeng P7 2020 RearDriveLong RangeSmart Mobility Edition
ADAS Operating System (Summary)	-
XNGP	-
XPILOT	-
Driver Assistance Chip	-
Turing	-
Turing*2	-
NVIDIA DRIVE Orin X	-
NVIDIA DRIVE Orin X*2	-
NVIDIA DRIVE Xavier	-
Driver Assistance Chip Computing Power (TOPS)	-
30	-
254	-
508	-
750	-
1500	-
CAR Intelligent System (Summary)	-
Dimensity AIOS	-
XOS Dimensity	-
Xmart OS	-
Vehicle Smart Chip	-
Qualcomm Snapdragon 8295	-
highthroughSnapdragon8295&Turing	-
highthroughSnapdragonSA8155P	-
highthroughSnapdragon8155P	-
Infotainment System Memory (GB)	-
8	-
Infotainment System Storage (GB)	-
CAR System Storage 128	-
Mobile App Remote Control (Summary)	-
Mobile App Remote Control - Digital Key	-
Mobile App Remote Control - Vehicle Monitoring	-

Parameter	XPeng P7 2020 RearDriveLong RangeSmart Mobility Edition
Mobile App Remote Control	-
Mobile App Remote Control - Charging Management	-
Mobile App Remote Control - Service Appointment	-
Heat Pump System	-
Number of Exterior Cameras	-
Exterior Camera Resolution	-
80010k*2unit,20010k*9unit	-
Interior Camera Count	-
Incar Camera Count 1	-
Incar Camera Count 2	-
Interior Camera Resolution	-
Number of Ultrasonic Radars	-
Millimeter Wave Radar	-
Laser Radar	-
LiDAR Brand	-
SpeedTengju Chuang	-
LiDAR Line Count (Lines)	-
126	-
Sub-meter High-precision Positioning	-
High-precision Map	-
Sentinel Mode	-
V2X Communication	-
Optional Package	-
Custom Options	-
Ultra SEsmartLLevelPackage	-
Ultra SEsmartLLevelPackage	-
Ultra SEsmartLLevelPackage	-
Optional Package	-
Ultra smartLLevelPackage	-
Ultra smartLLevelPackage	-
Optional Package	-
XPILOT 3.0SoftwareandLLevelService	-
XPILOT 3.0SoftwareandLLevelService	-
Convenience Charging Kit	● Standard: Three-phase AC charging mode, 220V AC output; ■ Optional: Optional (Price TBD)
Convenience Charging Kit	Three-phase AC charging mode, 220V AC output
Convenience Charging Kit	■ Optional: Optional (Price TBD)
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	-
ComfortLiterLevelPackage	-
Poweropen/closeFrontPeng WingDoor	-
Transparent Chassis	-
Transparent Chassis	-

