

XPeng P7 2022 480E+ Specifications

Basic Information

Parameter	XPeng P7 2022 480E+
Official Price	RMB 262,900
Manufacturer	XPengVehicle
Class	mid-largeVehicle
Energy Type	Pure Electric
Market Time	2022.05
Electric Description	Pure Electric 267 hp
CLTC Range	480
Nedc Recharge Mileage	480
Wltc Recharge Mileage	-
CLTC Pure Electric Range (km)	-
High-Voltage Fast Charging Platform	-
500	-
800	-
Charging Time	Fast charge 27 min; Slow charge 5 h
Fast Charging Window (%)	30-80
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)	13.8
Equivalent Fuel Consumption (L/100km)	1.6
Vehicle Warranty	5 years or 120,000 km
Estimated Maintenance Cost over 60,000 km	RMB 3,743

Body

Parameter	XPeng P7 2022 480E+
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)	1920
Gross Weight (kg)	2295
FrontCargo Volume(L)	-
Cargo Volume (L)	440
Minimum Turning Radius (m)	-
Drag Coefficient (Cd)	0.236

Electric Motor

Parameter	XPeng P7 2022 480E+
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 2022 480E+
Battery Type	LFP Battery
Battery Special Technology	-
Cell Brand	CATL, CALB, EVElithium energy
Battery Warranty	8 years or 160,000 km
Battery Capacity	60.2
Battery Energy Density (Wh/kg)	125.0
Battery Charging Rate	-
5	-
Battery Charging (Summary)	● Standard: Fast charge 27 min; ● Standard: Slow charge 5 h; ● Standard: Fast charging port
Charging Time	Fast charge 27 min; Slow charge 5 h
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)	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	-
VTOL Maximum External Discharge Power	-
VTOV Maximum External Discharge Power	-

Transmission

Parameter	XPeng P7 2022 480E+
Transmission Description	EV single-speed transmission
Number of Gears	1
Transmission Type	Fixed Gear Ratio Transmission

Chassis / Steering

Parameter	XPeng P7 2022 480E+
Drive Type	Rear-mounted RWD
Four-wheel-drive Type	-
Front Suspension	double wishbone independent suspension
Rear Suspension	Multi-link independent suspension

Parameter	XPeng P7 2022 480E+
Steering Type	Electric power steering
Vehicle Body Structure	Unibody

Wheels / Brakes

Parameter	XPeng P7 2022 480E+
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
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	-
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
ISOFIX	Standard
Passive Pedestrian Protection	-
Run-flat Tire	-
Driver Assistance / Control	-

Parameter	XPeng P7 2022 480E+
Parking Radar (Summary)	● Standard: Front; ● Standard: Rear
Front	● Standard: Front
Parking Radar - Rear	● Standard: Rear
Front Vehicle Departure Reminder	-
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	-
Memory Parking	Standard
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	-
Roof Rack	-

Parameter	XPeng P7 2022 480E+
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
1920x720	1920x720
Instrument Cluster Screen Pixel Density(PPI)	● Standard: 200
200	● Standard: 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: NFC/RFID key; ● Standard: Phone Bluetooth key
Remote Key Type - Smart Remote Key	● Standard: Smart remote key
Remote Key Type - NFC/RFID Key	● Standard: 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	Standard
Vehicle Summon	-
Head-up Display (HUD)	-
AR HUD	-
Built-in Driving Recorder	-
Factory ETC	Optional
Active Noise Cancellation	-
Wireless Phone Charging	Standard
Wireless Charging MAX Power (Summary)	15
15	15
Wireless Charging MAX Power 50	-
AC Power Outlet	Optional

Parameter	XPeng P7 2022 480E+
Cargo 12V Power Outlet	-
Seat Features	-
Seat Material	Genuine leather
SeatsLeatherStyle	■ Optional: NappaGenuine leather
NappaGenuine leather	■ Optional: 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)	● 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(driver seat); ● Standard: Memory(driver seat)
Front Seat Functions - Option	● Standard: Heating
Ventilation	-
Memory	-
Massage	-
Ventilation(driver seat)	● Standard: Ventilation(driver seat)
Memory(driver seat)	● Standard: 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
2400x1200	2400x1200
Center Console ColorColorScreen Pixel Density(PPI)	● Standard: 179
179	● Standard: 179

Parameter	XPeng P7 2022 480E+
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)	● 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	-
Voice Wake-up by Zone (Summary)	● Standard: single zone
Voice Wake-up by Zone - Four Zones	-
Voice Wake-up by Zone - Single Zone	● Standard: single zone
Continuous Voice Recognition	-
Visible-to-speak Control	Standard
Voice Assistant Wake-up Phrase	HelloSmallIP
Gesture Control	-
Wi-Fi Hotspot	-
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 row: 60 W	-
Rear row: 60 W	-
In-car TV	-
Rear LCD Screen	-
Rear rowScreen Size(Inch)	-
8	-
Simulated Engine Sound	-
Karaoke	Standard
Audio Brand	■ Optional: Dynaudio
Dynaudio	■ Optional: Dynaudio
Number of Speakers	● Standard: 8; ■ Optional: 18
4	-

Parameter	XPeng P7 2022 480E+
8	● Standard: 8
18	■ Optional: 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	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	-
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
Vanity Mirror - Option	● Standard: Driver seat+with lighting
Vanity Mirror - Option	● Standard: Passenger seat+with lighting
Rear Privacy Glass	-
Interior Sunshade	-

Parameter	XPeng P7 2022 480E+
Rain-sensing Wipers	-
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	-
AQS Air Quality Management	-
On-board Refrigerator	-
Refrigerator Functions	-

Smart Features

Parameter	XPeng P7 2022 480E+
ADAS Operating System (Summary)	● Standard: XPILOT
XNGP	-
XPILOT	● Standard: XPILOT
Driver Assistance Chip	● Standard: NVIDIA DRIVE Xavier
Turing	-
Turing*2	-
NVIDIA DRIVE Orin X	-
NVIDIA DRIVE Orin X*2	-
NVIDIA DRIVE Xavier	● Standard: NVIDIA DRIVE Xavier
Driver Assistance Chip Computing Power (TOPS)	● Standard: 30
30	● Standard: 30
254	-
508	-
750	-
1500	-
CAR Intelligent System (Summary)	● Standard: Xmart OS
Dimensity AIOS	-
XOS Dimensity	-
Xmart OS	● Standard: Xmart OS
Vehicle Smart Chip	-
Qualcomm Snapdragon 8295	-
highthroughSnapdragon8295&Turing	-
highthroughSnapdragonSA8155P	-
highthroughSnapdragon8155P	-
Infotainment System Memory (GB)	● Standard: 8
8	● Standard: 8
Infotainment System Storage (GB)	● Standard: 128
CAR System Storage 128	● Standard: 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

Parameter	XPeng P7 2022 480E+
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	-
Number of Exterior Cameras	12
Exterior Camera Resolution	-
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	-
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
Ultra SEsmartLLevelPackage	-
Ultra SEsmartLLevelPackage	-
Ultra SEsmartLLevelPackage	-
Optional Package	-
Ultra smartLLevelPackage	-
Ultra smartLLevelPackage	-
Optional Package	● Standard: NGPsmartnavigationassistDriving,SREnvironmentsimulatedDisplay,StopVehicleFieldMemory parking,IHBsmartHigh beamlight; ● Standard
XPILOT 3.0SoftwareandLLevelService	NGPsmartnavigationassistDriving,SREnvironmentsimulatedDisplay,StopVehicleFieldMemory parking,IHBsmartHigh beamlight
XPILOT 3.0SoftwareandLLevelService	● Standard
Convenience Charging Kit	-
Convenience Charging Kit	-
Convenience Charging Kit	-
Front rowFramelessVehicleDoor	-
Front rowFramelessVehicleDoor	-
Front rowFramelessVehicleDoor	-
Platinum Audiosystem	-
Starlight KnightLLevelpackage	-
Starlight KnightLLevelpackage	-
smartmusicCockpitExtended RangePerformance Kit	● Standard: DynaudioDynaudioTheaterLevelSound Systemsystem,NappaGenuine leatherSeatsandCorresponding Cockpit Theme; ■ Optional: Optional (RMB 18,000)
smartmusicCockpitExtended RangePerformance Kit	DynaudioDynaudioTheaterLevelSound Systemsystem,NappaGenuine leatherSeatsandCorresponding Cockpit Theme
smartmusicCockpitExtended RangePerformance Kit	■ Optional: Optional (RMB 18,000)
Night KnightLLevelpackage	-
Night KnightLLevelpackage	-
Night KnightLLevelpackage	-
SpecialcolorConfiguration	-

Parameter	XPeng P7 2022 480E+
ComfortLiterLevelPackage	-
Poweropen/closeFrontPeng WingDoor	-
Transparent Chassis	● Standard
Transparent Chassis	● Standard