

 ZHONGHENG YUANTONG	Xpeng MONA M03 2024 515 long-range version	Xpeng MONA M03 2024 620 ultra-long- range version	Xpeng MONA M03 2024 580 ultra-long- range Max version
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Basic Information

<u>Manufacturer</u>	Xpeng Motors	Xpeng Motors	Xpeng Motors
<u>level</u>	Compact car	Compact car	Compact car
<u>Energy_Type</u>	Pure Electric	Pure Electric	Pure Electric
<u>Availability</u>	2024.08	2024.08	2024.08
<u>Electric Motor</u>	Pure electric 190 horsepower	Pure electric 218 horsepower	Pure electric 218 horsepower
<u>Pure electric range_(km). Ministry of Industry and Information Technology.</u>	515	620	580
<u>Pure electric range_(km). CLTC</u>	515	620	580
<u>Charging_time (hours)</u>	Fast charge 0.43 hours	Fast charge 0.43 hours	Fast charge 0.43 hours
<u>Fast charging capacity (%)</u>	30%-80%	30%-80%	30%-80%
<u>Maximum power (kW)</u>	140(190Ps)	160(218Ps)	160(218Ps)
<u>Maximum torque (N·m)</u>	225	250	250
<u>Gearbox</u>	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox
<u>Length x width x height (mm)</u>	4780x1896x1445	4780x1896x1445	4780x1896x1445
<u>Body_structure</u>	5-door 5-passenger hatchback	5-door 5-passenger hatchback	5-door 5-passenger hatchback
<u>Maximum speed (km/h)</u>	155	155	155
<u>Official 0-100km/h acceleration time (s)</u>	7.8	7.4	7.4
<u>Power consumption per 100 km (kWh/100km)</u>	11.5	11.5	11.5
<u>Electric energy equivalent fuel consumption (L/100km)</u>	1.34	1.34	1.34
<u>Vehicle warranty period</u>	5 years or 120,000 km	5 years or 120,000 km	5 years or 120,000 km

Body

<u>Length(mm)</u>	4780	4780	4780
<u>Width(mm)</u>	1896	1896	1896
<u>Height(mm)</u>	1445	1445	1445
<u>Wheelbase(mm)</u>	2815	2815	2815
<u>Front wheel track (mm)</u>	1628	1628	1628
<u>Rear wheelbase(mm)</u>	1628	1628	1628
<u>Minimum ground clearance (mm)</u>	122	122	122
<u>Body_structure</u>	Hatchback	Hatchback	Hatchback
<u>Number of doors</u>	5	5	5
<u>Door opening method</u>	Swing door	Swing door	Swing door
<u>Number of seats</u>	5	5	5
<u>Curb weight(kg)</u>	1661	1739	1739

<u>Luggage compartment volume (L)</u>	621-1603	621-1603	621-1603
<u>Minimum turning radius</u>	5.3m	5.3m	5.3m
<u>Drag coefficient (Cd)</u>	0.194	0.194	0.194

Electric Motor

<u>Motor Description</u>	Pure electric 190 horsepower	Pure electric 218 horsepower	Pure electric 218 horsepower
<u>Motor Type</u>	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous
<u>Total motor power (kW)</u>	140	160	160
<u>Total motor horsepower (Ps)</u>	190	218	218
<u>Total torque of the motor (N·m)</u>	225	250	250
<u>Maximum power of front motor (kW)</u>	140	160	160
<u>Maximum torque of front motor (N·m)</u>	225	250	250
<u>Number of drive motors</u>	Single motor	Single motor	Single motor
<u>Motor layout</u>	Pre	Pre	Pre

Battery/Charging

<u>Battery Type</u>	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery
<u>Battery Feature Technology</u>	Blade Battery	Blade Battery	Blade Battery
<u>Battery brand</u>	Fudi	Fudi	Fudi
<u>Battery Pack Warranty</u>	8 years or 160,000 km	8 years or 160,000 km	8 years or 160,000 km
<u>Battery capacity (kWh)</u>	51.8	62.2	62.2
<u>Battery energy density (Wh/kg)</u>	-	-	-
<u>Battery charging rate</u>	-	-	-
<u>Battery Charging</u>	Fast charge 0.43 hours	Fast charge 0.43 hours	Fast charge 0.43 hours
	• Fast charging port	• Fast charging port	• Fast charging port
<u>Maximum fast charging power (kw)</u>	77	92	92
<u>Fast charging port location</u>	Left fuel tank	Left fuel tank	Left fuel tank
<u>Slow charging port location</u>	Left fuel tank	Left fuel tank	Left fuel tank
<u>Battery Temperature Management System</u>	<ul style="list-style-type: none"> • Low temperature heating • Liquid Cooling 	<ul style="list-style-type: none"> • Low temperature heating • Liquid Cooling 	<ul style="list-style-type: none"> • Low temperature heating • Liquid Cooling
<u>Single pedal mode</u>	-	-	-
<u>VTOL mobile power station function</u>	-	-	-
<u>VTOL maximum external discharge power</u>	-	-	-
<u>VTOL maximum external discharge power</u>	-	-	-

Gearbox

<u>Number of gears</u>	1	1	1
<u>Gearbox Type</u>	Fixed gear ratio gearbox	Fixed gear ratio gearbox	Fixed gear ratio gearbox
Chassis/Steering			
<u>Drive mode</u>	Front front drive	Front front drive	Front front drive
<u>Front suspension type</u>	McPherson independent suspension	McPherson independent suspension	McPherson independent suspension
<u>Rear suspension type</u>	Trailing arm torsion beam non-independent suspension	Trailing arm torsion beam non-independent suspension	Trailing arm torsion beam non-independent suspension
<u>Steering type</u>	Electric power assist	Electric power assist	Electric power assist
<u>Vehicle structure</u>	Load-bearing	Load-bearing	Load-bearing
Wheels/Brakes			
<u>Front brake type</u>	Ventilated disc	Ventilated disc	Ventilated disc
<u>Rear brake type</u>	Solid disc	Solid disc	Solid disc
<u>Parking brake type</u>	Electronic parking brake	Electronic parking brake	Electronic parking brake
<u>Front tire size</u>	215/50 R18	215/50 R18	215/50 R18
<u>Rear tire size</u>	215/50 R18	215/50 R18	215/50 R18
<u>Spare tire specifications</u>	-	-	-
Active safety	• Standard ◦ Optional – none		
<u>ABS anti-lock braking system</u>	• Standard	• Standard	• Standard
<u>Braking force distribution (EBD/CBC, etc.)</u>	• Standard	• Standard	• Standard
<u>Brake assist (EBA/BA, etc.)</u>	• Standard	• Standard	• Standard
<u>Traction control (TCS/ASR, etc.)</u>	• Standard	• Standard	• Standard
<u>Vehicle stability system (ESP/DSC, etc.)</u>	• Standard	• Standard	• Standard
<u>Active safety warning system</u>	• Lane Departure Warning	• Lane Departure Warning	• Lane Departure Warning
	• Forward Collision Warning	• Forward Collision Warning	• Forward Collision Warning
	• Rear Collision Warning	• Rear Collision Warning	• Rear Collision Warning
	• Reversing side warning	• Reversing side warning	• Reversing side warning
	• DOW door opening warning	• DOW door opening warning	• DOW door opening warning
<u>Active braking</u>	• Standard	• Standard	• Standard
<u>Lane assist</u>	• Standard	• Standard	• Standard
<u>Lane Keeping Assist System</u>	• Standard	• Standard	• Standard
<u>Lane centering</u>	• Standard	• Standard	• Standard
<u>Fatigue driving tips</u>	• Standard	• Standard	• Standard
<u>Active DMS fatigue detection</u>	• Standard	• Standard	• Standard
<u>In-car vital signs detection</u>	-	-	-

<u>Traffic light recognition</u>	-	-	• Standard
<u>Night Vision System</u>	-	-	-
Passive safety	• Standard	◦ Optional	- none
<u>Front airbags</u>	• Main driving seat • Passenger seat	• Main driving seat • Passenger seat	• Main driving seat • Passenger seat
<u>Side airbags</u>	• Front Row	• Front Row	• Front Row
<u>Side curtain airbags</u>	• Standard	• Standard	• Standard
<u>Front knee airbag</u>	-	-	-
<u>Center airbag</u>	-	-	-
<u>Seat belt not fastened reminder</u>	• Standard	• Standard	• Standard
<u>Tire Pressure Monitoring System</u>	• Tire pressure display 	• Tire pressure display	• Tire pressure display
<u>Child seat interface (ISOFIX)</u>	• Standard	• Standard	• Standard
<u>Passive pedestrian protection</u>	-	-	-
<u>Safety tires</u>	-	-	-
Assistance/Control Configuration	• Standard	◦ Optional	- none
<u>Parking radar</u>	• forward • back	• forward • back	• forward • back
<u>Front vehicle departure reminder</u>	-	-	-
<u>Narrow Road Assist</u>	• Standard	• Standard	• Standard
<u>Driving assistance images</u>	• Reversing Image  • Vehicle side blind spot image  • 360° panoramic images 	• Reversing Image • Vehicle side blind spot image • 360° panoramic images	• Reversing Image • Vehicle side blind spot image • 360° panoramic images
<u>Cruise control system</u>	• Cruise control  • Adaptive cruise control  • Full-speed adaptive cruise control 	• Cruise control • Adaptive cruise control • Full-speed adaptive cruise control	• Cruise control • Adaptive cruise control • Full-speed adaptive cruise control
<u>Automatic Lane Change Assist</u>	-	-	• Standard
Automatic exit/entry of ramp	-	-	• Standard
<u>Navigation assisted driving</u>	-	-	• High-speed road section • Urban roads
<u>Driving assistance level</u>	• Level 2 	• Level 2	• Level 2
<u>Automatic parking</u>	• Standard	• Standard	• Standard
<u>Tracking reverse</u>	-	-	• Standard
<u>Memory Parking</u>	-	-	• Standard
<u>Automatic parking (AUTOHOLD)</u>	• Standard	• Standard	• Standard
<u>Hill Start Assist (HAC)</u>	• Standard	• Standard	• Standard

<u>Variable suspension adjustment</u>	-	-	-
<u>Air suspension</u>	-	-	-
<u>Air suspension type</u>	-	-	-
<u>Electromagnetic induction suspension</u>	-	-	-
<u>Variable Steering Ratio System</u>	-	-	-
<u>Front axle limited slip mode</u>	-	-	-
<u>Rear axle limited slip mode</u>	-	-	-
<u>Center differential lock function</u>	-	-	-
<u>Integral Active Steering</u>	-	-	-
<u>Driving mode selection</u>	• sports	• sports	• sports
	• ECO/Economy	• ECO/Economy	• ECO/Economy
	• Standard comfort	• Standard comfort	• Standard comfort
<u>Braking Energy Regeneration System</u>	• Standard	• Standard	• Standard
<u>Comfort Braking</u>	• Standard	• Standard	• Standard
<u>Low speed driving warning sound</u>	• Standard	• Standard	• Standard

External Configuration • Standard ° Optional - none

<u>Skylight Type</u>	• Panoramic sunroof cannot be opened	• Panoramic sunroof cannot be opened	• Panoramic sunroof cannot be opened
<u>Light-sensitive skylight</u>	-	-	-
<u>Roof rack</u>	-	-	-
<u>Sports appearance package</u>	-	-	-
<u>Electric spoiler</u>	-	-	-
<u>Active closed grille</u>	• Standard	• Standard	• Standard
<u>Aluminum Alloy Wheels</u>	• Standard	• Standard	• Standard
<u>Frameless door design</u>	-	-	-
<u>Hidden door handle</u>	• Standard	• Standard	• Standard
<u>Tow hook</u>	-	-	-

Internal Configuration • Standard ° Optional - none

<u>Steering wheel material</u>	• Leather	• Leather	• Leather
<u>Steering wheel adjustment</u>	• Up and down + front and back	• Up and down + front and back	• Up and down + front and back
<u>Electric steering wheel adjustment</u>	-	-	-
<u>Steering wheel functions</u>	• Multi-function control	• Multi-function control	• Multi-function control
<u>Gear shifting</u>	• Electronic hand gear	• Electronic hand gear	• Electronic hand gear
<u>Driving computer screen</u>	• color	• color	• color
<u>LCD instrument style</u>	-	-	-
<u>LCD instrument size (inch)</u>	-	-	-

Comfort/anti-theft configuration • Standard ° Optional - none

	• Standard	• Standard	• Standard
<u>Sensor tailgate</u>	-	-	-
<u>Electric tailgate position memory</u>	• Standard	• Standard	• Standard
<u>Central locking system in the car</u>	• Standard	• Standard	• Standard
<u>Remote control key type</u>	• NFC/RFID Key	• NFC/RFID Key	• NFC/RFID Key
	• Mobile Bluetooth Key	• Mobile Bluetooth Key	• Mobile Bluetooth Key
<u>Keyless entry</u>	• Front Row	• Front Row	• Front Row
<u>Keyless start</u>	• Standard	• Standard	• Standard
<u>Remote Start</u>	• Standard	• Standard	• Standard
<u>Remote control mobile vehicle</u>	-	-	• Standard
<u>Vehicle summon function</u>	-	-	• Standard
<u>Head-up display (HUD)</u>	-	-	-
<u>Built-in driving recorder</u>	• Standard	• Standard	• Standard
<u>Active Noise Cancellation</u>	-	-	-
<u>Wireless charging for mobile phones</u>	• Standard	• Standard	• Standard
<u>110V/220V/230V power socket</u>	-	-	-
<u>Luggage compartment 12V power socket</u>	-	-	-

Seat Configuration • Standard ◦ Optional - none

<u>Seat Material</u>	• imitation leather	• imitation leather	• imitation leather
<u>Sports style seats</u>	-	-	-
<u>Second row independent seats</u>	-	-	-
<u>Electric seat adjustment</u>	• Main driving seat	• Main driving seat	• Main driving seat
	• Passenger seat	• Passenger seat	• Passenger seat
<u>Folding rear seats</u>	-	-	-
<u>Overall adjustment of the driver's seat</u>	• Move forward and backward	• Move forward and backward	• Move forward and backward
	• Backrest angle	• Backrest angle	• Backrest angle
	• Height adjustment	• Height adjustment	• Height adjustment
<u>Driver's seat partial adjustment</u>	• Headrest	• Headrest	• Headrest
<u>Passenger seat overall adjustment</u>	• Move forward and backward	• Move forward and backward	• Move forward and backward
	• Backrest angle	• Backrest angle	• Backrest angle
<u>Passenger seat partial adjustment</u>	• Headrest	• Headrest	• Headrest
<u>Second row seat overall adjustment</u>	-	-	-
<u>Second row seat partial adjustment</u>	-	-	-
<u>Front seat functions</u>	-	• heating	• heating
	-	• ventilation	• ventilation
	• Memory (main driver)	• Memory (main driver)	• Memory (main driver)

<u>Boss Key</u>	-	-	-
<u>Front/rear armrests</u>	• Front Row	• Front Row	• Front Row
<u>Rear cup holder</u>	-	-	-
<u>Heated/cooled cup holder</u>	-	-	-
<u>Rear seat folding ratio</u>	• 40:60	• 40:60	• 40:60
<u>Second row small table</u>	-	-	-
Smart connectivity • Standard • Optional - none			
<u>Central control screen size (inches)</u>	• 15.6	• 15.6	• 15.6
<u>Central control screen material</u>	-	-	-
<u>Satellite navigation system</u>	• Standard	• Standard	• Standard
<u>AR real-time navigation</u>	-	-	-
<u>Navigation traffic information display</u>	• Standard	• Standard	• Standard
<u>Map Brand</u>	• Gaode	• Gaode	• Gaode
<u>Roadside assistance</u>	• Standard	• Standard	• Standard
<u>Bluetooth/Car Phone</u>	• Standard	• Standard	• Standard
<u>Mobile Internet Mapping</u>	-	-	-
<u>Internet of Vehicles</u>	• Standard	• Standard	• Standard
<u>4G/5G Network</u>	• 4G	• 4G	• 4G
<u>OTA Update</u>	• Standard	• Standard	• Standard
<u>Facial Recognition</u>	• Standard	• Standard	• Standard
<u>Fingerprint recognition</u>	-	-	-
<u>Voiceprint Recognition</u>	-	-	-
<u>Emotion Recognition</u>	-	-	-
<u>Voice recognition control system</u>	• Standard	• Standard	• Standard
<u>Voice wake-up function</u>	• Standard	• Standard	• Standard
<u>Voice wake-up recognition function by region</u>	• Main driving	• Main driving	• Main driving
	• Co-pilot	• Co-pilot	• Co-pilot
	• Second row	• Second row	• Second row
<u>Continuous speech recognition</u>	• Standard	• Standard	• Standard
<u>See and Say</u>	• Standard	• Standard	• Standard
<u>Voice assistant wake-up word</u>	Hello, Xiao P	Hello, Xiao P	Hello, Xiao P
<u>Gesture control function</u>	• Standard	• Standard	• Standard
<u>Wi-Fi hotspots</u>	• Standard	• Standard	• Standard
Audio and Video Entertainment • Standard • Optional - none			
<u>Multi-finger flying screen control</u>	-	-	-
<u>App Store</u>	• Standard	• Standard	• Standard
<u>Multimedia Interface</u>	• USB/Type-C	• USB/Type-C	• USB/Type-C

	• 2 rear seats	• 2 rear seats	• 2 rear seats
<u>USB/Type-C maximum charging power</u>	Front row 45W Rear 15W	Front row 45W Rear 15W	Front row 45W Rear 15W
<u>Car TV</u>	-	-	-
<u>Rear LCD screen</u>	-	-	-
<u>Simulate sound waves</u>	-	-	-
<u>Audio brand</u>	-	-	-
<u>Number of speakers</u>	• 7 ◦ 18	• 7 ◦ 18	• 7 ◦ 18
<u>Sound layout</u>	-	-	-
<u>Sky Channel</u>	◦ Optional	◦ Optional	◦ Optional
<u>Rear multimedia controls</u>	-	-	-
Lighting Configuration	• Standard ◦ Optional - none		
<u>Low beam</u>	• led 	• led	• led
<u>High beam</u>	• led	• led	• led
<u>Daytime running lights</u>	• Standard	• Standard	• Standard
<u>Adaptive high and low beam</u>	• Standard	• Standard	• Standard
<u>Automatic headlights</u>	• Standard	• Standard	• Standard
<u>Turn signal lamp</u>	-	-	-
<u>Front fog lights</u>	-	-	-
<u>Active Front Steering (AFS)</u>	-	-	-
<u>Headlight height adjustment</u>	• Standard	• Standard	• Standard
<u>Headlight cleaning function</u>	-	-	-
<u>Interior ambient lighting</u>	-	• 256 colors	• 256 colors
<u>Active ambient lighting</u>	-	-	-
<u>Lighting features</u>	-	-	-
<u>Lighting projection technology</u>	-	-	-
<u>Headlight Delay Off</u>	• Standard	• Standard	• Standard
<u>Headlight rain and fog mode</u>	-	-	-
Glass/Rearview Mirror	• Standard ◦ Optional - none		
<u>Power windows</u>	• Front Row • Back row	• Front Row • Back row	• Front Row • Back row
<u>One-touch window lifting</u>	• Full Vehicle	• Full Vehicle	• Full Vehicle
<u>Window anti-pinch function</u>	• Standard	• Standard	• Standard
<u>Exterior mirror function</u>	• Electric adjustment	• Electric adjustment	• Electric adjustment
	• heating	• heating	• heating
	• Electric folding	• Electric folding	• Electric folding
	• memory	• memory	• memory
	• Automatically tilt down when reversing	• Automatically tilt down when reversing	• Automatically tilt down when reversing

<u>Interior rearview mirror function</u>	-	-	-
<u>Car makeup mirror</u>	• Main driving seat + lighting	• Main driving seat + lighting	• Main driving seat + lighting
	• Co-pilot seat + lighting	• Co-pilot seat + lighting	• Co-pilot seat + lighting
<u>Rear privacy glass</u>	-	-	-
<u>Car sunshade</u>	-	-	-
<u>Rain-sensing wipers</u>	• Standard	• Standard	• Standard
<u>Rear wiper</u>	-	-	-
<u>Multi-layer soundproof glass</u>	-	-	-
<u>Electric front windshield heating</u>	-	-	-
<u>Heated water nozzle</u>	-	-	-
Air conditioning/refrigerator	• Standard	◦ Optional	- none
<u>Air conditioning control method</u>	• automatic	• automatic	• automatic
<u>Rear independent air conditioning</u>	-	-	-
<u>Rear air outlet</u>	• Standard	• Standard	• Standard
<u>Temperature zone control</u>	• Dual-zone air conditioning	• Dual-zone air conditioning	• Dual-zone air conditioning
<u>Car air purifier</u>	-	-	-
<u>In-car PM2.5 filter</u>	• Standard	• Standard	• Standard
<u>Negative ion generator</u>	-	-	-
<u>Car fragrance device</u>	-	-	-
<u>AQS Air Quality Management System</u>	-	-	-
<u>Car Refrigerator</u>	-	-	-
<u>Car refrigerator function</u>	-	-	-
Intelligent configuration			
<u>Assisted driving operating system</u>	• XPILOT	• XPILOT	-
	-	-	• XNGP
<u>Assisted driving chip</u>	-	-	• NVIDIA DRIVE Orin*2
<u>In-vehicle smart chip</u>	• Qualcomm Snapdragon 8155P	• Qualcomm Snapdragon 8155P	• Qualcomm Snapdragon 8155P
Vehicle system memory (GB)	• 16	• 16	• 16
Vehicle system storage (GB)	• 128	• 128	• 128
<u>Mobile App Remote Control</u>	• Digital Key	• Digital Key	• Digital Key
	• Vehicle Monitoring	• Vehicle Monitoring	• Vehicle Monitoring
	• Remote Control	• Remote Control	• Remote Control
	• Charging Management	• Charging Management	• Charging Management
	• Service Appointment	• Service Appointment	• Service Appointment
<u>Heat Pump Management System</u>	-	-	-

External camera pixels	-	-	-
Number of cameras in the car	• 1	• 1	• 1
In-car camera pixels	-	-	-
Number of ultrasonic radars	• 12	• 12	• 12
Number of millimeter wave radars	• 2	• 2	• 3
<u>Sub-meter high-precision positioning system</u>	-	-	• Standard
<u>High-precision maps</u>	-	-	• Standard
Sentinel Mode	• Standard	• Standard	• Standard
<u>V2X Communications</u>	-	-	-
Optional Package	• Standard	◦ Optional	- none
Customized options	Optional exterior, interior, wheels, brakes	Optional exterior, interior, wheels, brakes	Optional exterior, interior, wheels, brakes
PSS Premium Custom Speaker Audio Upgrade Kit	PSS advanced custom speaker sound system (18 speakers): 4 tweeters, 3 mid-range speakers, 6 surround speakers, 4 woofers, 1 subwoofer, 1 independent amplifier, 7.1.4 channel surround sound arrangement (with sky channel)	PSS advanced custom speaker sound system (18 speakers): 4 tweeters, 3 mid-range speakers, 6 surround speakers, 4 woofers, 1 subwoofer, 1 independent amplifier, 7.1.4 channel surround sound arrangement (with sky channel)	PSS advanced custom speaker sound system (18 speakers): 4 tweeters, 3 mid-range speakers, 6 surround speakers, 4 woofers, 1 subwoofer, 1 independent amplifier, 7.1.4 channel surround sound arrangement (with sky channel)
	◦ Optional 4000 NTD	◦ Optional 4000 NTD	◦ Optional 4000 NTD
Wheel/tire upgrade kit	19-inch sports wheels with 235/40R19 Michelin tires	19-inch sports wheels with 235/40R19 Michelin tires	19-inch sports wheels with 235/40R19 Michelin tires
	◦ Optional 4000 NTD	◦ Optional 4000 NTD	◦ Optional 4000 NTD

*The above parameter configuration information is for reference only, please refer to the actual vehicle for details

[View parameter configuration details >](#)