

XPeng MONA M03 2024 580 Ultra Long Range Maxversion Specifications

Basic Information

Parameter	XPeng MONA M03 2024 580 Ultra Long Range Maxversion
Official Price	RMB 155,800
Manufacturer	XPengVehicle
Class	compact car
Energy Type	Pure Electric
Market Time	2024.08
Electric Description	Pure Electric 218 hp
CLTC Range	580
CLTC Pure Electric Range (km)	580
Charging Time	Fast charge 26 min
Fast Charging Window (%)	30%-80%
Maximum Power (kW)	160(218Ps)
Maximum Torque (N-m)	250
Transmission Description	EV single-speed transmission
Length x Width x Height (mm)	4780x1896x1445
Body Structure	5-door 5-seat HatchbackVehicle
Top Speed (km/h)	155
Official 0-100 km/h Acceleration (s)	7.4
Energy Consumption (kWh/100km)	11.5
Equivalent Fuel Consumption (L/100km)	1.34
Vehicle Warranty	5 years or 120,000 km
Estimated Maintenance Cost over 60,000 km	RMB 3,570

Body

Parameter	XPeng MONA M03 2024 580 Ultra Long Range Maxversion
Length (mm)	4780
Width (mm)	1896
Height (mm)	1445
Wheelbase (mm)	2815
Front Track (mm)	1628
Rear Track (mm)	1628
Minimum Ground Clearance (mm)	122
Body Structure	HatchbackVehicle
Number of Doors	5
Door Opening Type	Hinged doors
Seats	5
Curb Weight (kg)	1739
Gross Weight (kg)	2114
Cargo Volume (L)	621-1603
Minimum Turning Radius (m)	5.3m
Drag Coefficient (Cd)	0.194

Electric Motor

Parameter	XPeng MONA M03 2024 580 Ultra Long Range Maxversion
Electric Description	Pure Electric 218 hp

Parameter	XPeng MONA M03 2024 580 Ultra Long Range Maxversion
Motor Type	Permanent magnet synchronous
Total Motor Power	160
Total Motor Horsepower (Ps)	218
Total Motor Torque	250
Front Motor Max Power (kW)	160
Front Motor Max Torque (N-m)	250
Drive Motor Count	Single motor
Motor Layout	Front-mounted

Battery / Charging

Parameter	XPeng MONA M03 2024 580 Ultra Long Range Maxversion
Battery Type	LFP Battery
Battery Special Technology	Liquid coolingConstant Temperature No Thermal Runaway Technology
Cell Brand	FinDreams
Battery Warranty	8 years or 160,000 km
Battery Capacity	62.2
Battery Energy Density (Wh/kg)	-
Battery Charging Rate	-
Battery Charging Rate - 3	-
Battery Charging (Summary)	● Standard: Fast charge 26 min; ● Standard: Fast charging port
Charging Time	Fast charge 26 min
Battery Charging - Fast Charging Port	● Standard: Fast charging port
MAX Fast Charge Power	92
Fast Charging Port Position (Summary)	left fuelboxposition
Left Fuel Tank Position	left fuelboxposition
Slow Charging Port Position (Summary)	left fuelboxposition
Left Fuel Tank Position	left fuelboxposition
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 MONA M03 2024 580 Ultra Long Range Maxversion
Transmission Description	EV single-speed transmission
Number of Gears	1
Transmission Type	Fixed Gear Ratio Transmission

Chassis / Steering

Parameter	XPeng MONA M03 2024 580 Ultra Long Range Maxversion
Drive Type	Front-mounted FWD
Front Suspension	MacPherson independent suspension
Rear Suspension	Trailing-arm torsion beam non-independent suspension
Steering Type	Electric power steering
Vehicle Body Structure	Unibody

Wheels / Brakes

Parameter	XPeng MONA M03 2024 580 Ultra Long Range Maxversion
Front Brake Type	Ventilated disc

Parameter	XPeng MONA M03 2024 580 Ultra Long Range Maxversion
Rear Brake Type	Solid disc
Parking Brake Type	Electronic parking brake
Front Tire Size	215/50 R18
Rear Tire Size	215/50 R18
Spare Tire Specification	-
Active 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	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	-
Seat Belt Reminder	Standard
TPMS	Tire pressure display
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
Driving Assistance Camera - Reverse Camera	● Standard: Rear view camera

Parameter	XPeng MONA M03 2024 580 Ultra Long Range Maxversion
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	-
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
Automatic Valet Parking	Standard
Auto Hold	Standard
Hill Start Assist (HAC)	Standard
Hill Descent Control (HDC)	-
Variable Suspension	-
Air Suspension	-
Air Suspension Type	-
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 - Custom	-
Drive Mode Selection - ECO	● Standard: ECO/Economy
Drive Mode Selection - Standard / Comfort	● Standard: Standard Comfort
Brake Energy Recovery	Standard
Comfortable Braking	Standard
Low-speed Warning Sound	Standard
Interior Features	-
Sunroof Type	Panoramic glass roof
Smart Dimming Roof	-
Roof Rack	-
Sport Appearance Package	-
Power Spoiler	-
Active Grille Shutters	Standard
Alloy Wheels	Standard
Frameless Doors	-
Hidden Door Handles	Standard
Tow Hook	-
Interior Features	-
Steering Wheel Material (Summary)	● Standard: Leather
Steering Wheel Material - Option	● Standard: Leather
Steering Wheel Adjustment	Tilt and telescopic

Parameter	XPeng MONA M03 2024 580 Ultra Long Range Maxversion
Power Steering Wheel Adjustment	-
Steering Wheel Functions (Summary)	● Standard: Multifunction controls
Steering Wheel Functions - Multi-function Control	● Standard: Multifunction controls
Heating	-
Gear Selector Type (Summary)	● Standard: Electronic column shifter
Gear Selector Type - Option	● Standard: Electronic column shifter
LCD Cluster Style	-
LCD Cluster Size (in) (Summary)	-
Comfort / Anti-theft	-
Soft-close Doors	-
Power Tailgate	Standard
Hands-free Tailgate	-
Tailgate Position Memory	Standard
Central Locking	Standard
Remote Key Type (Summary)	● Standard: Phone Bluetooth key; ● Standard: NFC/RFID key
Remote Key Type - Smart Remote Key	-
Remote Key Type - Bluetooth Key	● Standard: Phone Bluetooth key
Remote Key Type - NFC/RFID Key	● Standard: NFC/RFID key
Keyless Entry	Front row
Keyless Start	Standard
Remote Start	Standard
Remote Vehicle Move	Standard
Vehicle Summon	Standard
Head-up Display (HUD)	-
Built-in Driving Recorder	Standard
Active Noise Cancellation	-
Wireless Phone Charging	Standard
Wireless Charging MAX Power (Summary)	-
Wireless Charging MAX Power 50	-
AC Power Outlet	-
Cargo 12V Power Outlet	-
Seat Features	-
Seat Material	● Standard: Synthetic leather
Synthetic leather	● Standard: Synthetic leather
Genuine leather	-
SeatsLeatherStyle	-
NappaGenuine leather	-
Sport Seats	-
Second-row Independent Seats	-
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: Headrest
Driver Seat Fine Adjustments - Headrest	● Standard: Headrest
Lumbar	-
Front Passenger Seat Main Adjustments (Summary)	● Standard: Fore-aft adjustment; ● Standard: Backrest angle
Front Passenger Seat Main Adjustments - Fore / Aft	● Standard: Fore-aft adjustment

Parameter	XPeng MONA M03 2024 580 Ultra Long Range Maxversion
Front Passenger Seat Main Adjustments - Backrest Angle	● Standard: Backrest angle
Front Passenger Seat Fine Adjustments (Summary)	● Standard: Headrest
Front Passenger Seat Fine Adjustments - Headrest	● Standard: Headrest
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	-
Massage(driver seat)	-
Second-row Seat Functions	-
Boss Key	-
Front / Rear Armrests (Summary)	● Standard: Front row
Front / Rear Armrests - Front Row	● Standard: Front row
Rear Cup Holder	-
Heated / Cooled Cup Holder	-
Rear Seat Folding Ratio	40:60
Second-row Tray Table	-
Smart Connectivity	-
Center Screen Size (in)	15.6
Center Screen Material	-
Center Screen Resolution (Summary)	-
2.5K	-
Satellite Navigation	Standard
AR Navigation	-
Navigation Traffic Display	Standard
MAP Brand (Summary)	● Standard: Amap
Baidu	-
Amap	● Standard: Amap
Roadside Assistance	Standard
Bluetooth / Car Phone	Standard
Phone Mirroring (Summary)	● Standard: HUAWEI HiCar; ● Standard: Carlink
Phone Mirroring - HUAWEI HiCar	● Standard: HUAWEI HiCar
Phone Mirroring - Carlink	● Standard: Carlink
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	Standard
Voice Wake-up by Zone (Summary)	● Standard: Four-zone voice recognition
Voice Wake-up by Zone - Four Zones	● Standard: Four-zone voice recognition
Continuous Voice Recognition	Standard
Visible-to-speak Control	Standard

Parameter	XPeng MONA M03 2024 580 Ultra Long Range Maxversion
Voice Assistant Wake-up Phrase	HelloSmallP
Gesture Control	-
Wi-Fi Hotspot	Standard
Audio / Entertainment	-
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	Front row45W; Rear row15W
Front row: 60 W	-
Rear row: 60 W	-
Front row: 45 W	Front row: 45 W
Rear row: 15 W	Rear row: 15 W
In-car TV	-
Rear LCD Screen	-
Simulated Engine Sound	-
Karaoke	-
Audio Brand	-
Number of Speakers	● Standard: 7; ■ Optional: 18
7	● Standard: 7
9	-
18	■ Optional: 18
20	-
Sound System Layout	-
Amplifier Max Output Power (W)	-
1000	-
Seat Speakers (Headrest / Shoulder)	-
SKY Sound Channel	Optional
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	256 colors
Active Ambient Lighting	-
Standard	-
Special Lighting Functions	-
Lighting Projection Technology	-
Headlight Delay-off	Standard
Headlamp Rain / Fog Mode	-
Windows / Mirrors	-
Power Windows (Summary)	● Standard: Front row; ● Standard: Rear row
Power Windows - Front Row	● Standard: Front row

Parameter	XPeng MONA M03 2024 580 Ultra Long Range Maxversion
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	-
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	-
Rain-sensing Wipers	Standard
Rear Wiper	-
Multi-layer Acoustic Glass	-
Heated Windshield	-
Heated Washer Nozzles	-
Air Conditioning / Refrigerator	-
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	Standard
Negative-ion Generator	-
Fragrance System	-
AQS Air Quality Management	-
On-board Refrigerator	-
Refrigerator Functions	-

Smart Features

Parameter	XPeng MONA M03 2024 580 Ultra Long Range Maxversion
ADAS Operating System (Summary)	● Standard: XNGP
XPILOT	-
XNGP	● Standard: XNGP
Driver Assistance Chip	● Standard: NVIDIA DRIVE Orin X*2
Turing	-
Turing*2	-
NVIDIA DRIVE Orin X*2	● Standard: NVIDIA DRIVE Orin X*2
Driver Assistance Chip Computing Power (TOPS)	● Standard: 508
508	● Standard: 508
750	-
1500	-
CAR Intelligent System (Summary)	● Standard: XOS Dimensity
Dimensity AIOS	-
XOS Dimensity	● Standard: XOS Dimensity

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Vehicle Smart Chip	● Standard: highthroughSnapdragon8155P
MT8676	-
Qualcomm Snapdragon 8155	-
highthroughSnapdragon8155P	● Standard: highthroughSnapdragon8155P
Infotainment System Memory (GB)	● Standard: 16
CAR System Memory 16	● Standard: 16
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
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	-
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	3
Sub-meter High-precision Positioning	Standard
High-precision Map	-
Sentinel Mode	Standard
V2X Communication	-
Winter UpgradeLevelPackage	-
Custom Options	Optional exterior, interior, wheels, brakes
Driver AssistancePackageEnhanced Edition	● Standard: PSSpremiumCustomSpeakersSound Systemsystem(18unitSpeakers):4unithighTweeterSpeakers, 3unitMidrangeSpeakers, 6unitSurround SoundSpeakers, 4unitWooferspeakers,1unitSubwoofer, 1unitIndependent Amplifier, 7.1.4 Channel Surround Sound Layout(with Height Channel); ■ Optional: Optional (RMB 4,000)
PSSpremiumCustomSpeakersSound System UpgradeLevelpackage	PSSpremiumCustomSpeakersSound Systemsystem(18unitSpeakers):4unithighTweeterSpeakers, 3unitMidrangeSpeakers, 6unitSurround SoundSpeakers, 4unitWooferspeakers,1unitSubwoofer, 1unitIndependent Amplifier, 7.1.4 Channel Surround Sound Layout(with Height Channel)
PSSpremiumCustomSpeakersSound System UpgradeLevelpackage	■ Optional: Optional (RMB 4,000)
Fresh Air Shield	-
Sakura Pink Themepackage	-
Sakura Pink Themepackage	-
head-up display with augmented reality	● Standard: 19inchSportwheels,with235/40R19Michelin tire; ■ Optional: Optional (RMB 4,000)
wheels/tireLLevelpackage	19inchSportwheels,with235/40R19Michelin tire
wheels/tireLLevelpackage	■ Optional: Optional (RMB 4,000)