

EBU AUTO

BYD Xia DM-i 2025 100KM Navigation Edition · Complete Specification Sheet



Basic Information

Parameter	Xia DM-i 2025 100KM Navigation Edition
Official RMB Guide Price	RMB 277,800
Brand	BYD
Vehicle Class	Mid-to-large MPV
Energy Type	Plug-in Hybrid
Launch Time	2025.04
Engine	1.5T 156 hp L4 Plug-in Hybrid
MIIT Pure Electric Range (km)	80
WLTC Pure Electric Range (km)	80
CLTC Pure Electric Range (km)	100
CLTC Combined Range (km)	-
Charging Time	DC Fast Charge: 18 min; AC Slow Charge: 3.1 h
Fast Charge Range (%)	30-80
Engine Max Power (kW)	115(156Ps)
Motor Max Power (kW)	200(272Ps)
Engine Max Torque (N·m)	225
Motor Max Torque (N·m)	315
Transmission Description	E-CVT
Length × Width × Height (mm)	5145x1970x1805
Body Style	5-door 7-seat MPV
Top Speed (km/h)	190

Parameter	Xia DM-i 2025 100KM Navigation Edition
Official 0-100 km/h Acceleration (s)	8.1
WLTC Combined Fuel Consumption (L/100 km)	2.07
Power Consumption (kWh/100 km)	18.5
Energy-equivalent Fuel Consumption (L/100 km)	2.09
WLTC Fuel Consumption at Low SOC (L/100 km)	6.4
NEDC Fuel Consumption at Low SOC (L/100 km)	5.3
Vehicle Warranty	6 years or 150,000 km

Body

Parameter	Xia DM-i 2025 100KM Navigation Edition
Length	5145
Width	1970
Height	1805
Wheelbase	3045
Front Track	1676
Rear Track	1683
Min Clearance	140
Body Style	MPV
Number of Doors	5
Door Type	Sliding Door
Number of Seats	7
Curb Weight (kg)	2470
Gross Vehicle Weight (kg)	3045
Fuel Tank Capacity (L)	50.0
Luggage Compartment Volume (L)	470-2036
Minimum Turning Radius (m)	5.7m

Engine

Parameter	Xia DM-i 2025 100KM Navigation Edition
Engine Model	BYD472ZQB
Displacement (mL)	1498
Displacement (L)	1.5
Intake Type	Turbocharged
Engine Layout	Transverse
Cylinder Arrangement	L
Number of Cylinders	4
Valves per Cylinder	4
Compression Ratio	14
Valve Mechanism	DOHC
Maximum Horsepower (Ps)	156
Maximum Power (kW)	115
Maximum Net Power (kW)	110
Maximum Power Speed (rpm)	5500

Parameter	Xia DM-i 2025 100KM Navigation Edition
Maximum Torque (N·m)	225
Maximum Torque Speed (rpm)	2500-4500
Engine Thermal Efficiency (%)	45.3
Engine Special Technology	Miller Cycle / Variable Geometry Turbo / VVT
Fuel Type	Plug-in Hybrid
Fuel Grade	92#
Fuel Supply Method	Direct Injection
Cylinder Head Material	Aluminum Alloy
Cylinder Block Material	Aluminum Alloy
Emission Standard	China VI

Electric Motor

Parameter	Xia DM-i 2025 100KM Navigation Edition
Electric Motor Description	Plug-in Hybrid, 272 Ps
Motor Type	Permanent Magnet / Synchronous
Total Motor Power (kW)	200
Front Motor Power (Ps)	272
Total Motor Torque (N·m)	315
Front Motor Maximum Power (kW)	200
Front Motor Maximum Torque (N·m)	315
Number of Drive Motors	Single Motor
Motor Layout	Front-mounted

Battery / Charging

Parameter	Xia DM-i 2025 100KM Navigation Edition
Battery Type	Lithium Iron Phosphate (LFP) Battery
Battery Technology	Blade Battery
Battery Manufacturer	FinDreams
Battery Warranty	Lifetime warranty for first owner (subject to official exclusions)
Battery Capacity (kWh)	20.39
Battery Energy Density (Wh/kg)	102.0
Battery C-rate	-
Charging Support	DC Fast Charge: 18 min; AC Slow Charge: 3.1 h; ● DC Fast-charging Port
Charging Time	DC Fast Charge: 18 min; AC Slow Charge: 3.1 h
DC Fast-charging Port	● DC Fast-charging Port
Maximum DC Fast-charging Power (kW)	41
DC Charging Port Position	Right-side Fuel Filler Position
DC Charging Port Position - Right-side Fuel Filler	Right-side Fuel Filler Position
AC Charging Port Position	Right-side Fuel Filler Position
AC Charging Port Position - Right-side Fuel Filler	Right-side Fuel Filler Position
Battery Thermal Management - Heating	● Standard
Battery Thermal Management - Cooling	Liquid Cooling
One-pedal Mode	-

Parameter	Xia DM-i 2025 100KM Navigation Edition
VTOL External Discharge	● Standard
Maximum External Discharge Power (kW)	6kW
V-to-V Maximum External Discharge Power (kW)	-

Transmission

Parameter	Xia DM-i 2025 100KM Navigation Edition
Transmission Description	E-CVT
Number of Gears	Continuously Variable Transmission
Transmission Type	Electronic Continuously Variable Transmission (E-CVT)

Chassis / Steering

Parameter	Xia DM-i 2025 100KM Navigation Edition
Drive Type	Front-engine FWD
Front Suspension	MacPherson Independent Suspension
Rear Suspension	Multi-link Independent Suspension
Steering Assistance	Electric Power Steering
Body Construction	Unibody

Wheels / Brakes

Parameter	Xia DM-i 2025 100KM Navigation Edition
Front Brake Type	Ventilated Disc
Rear Brake Type	Ventilated Disc
Parking Brake Type	Electronic Parking Brake
Front Tire Size	235/60 R18
Rear Tire Size	235/60 R18
Spare Tire	-
Active Safety	-
ABS	● Standard
Electronic Brakeforce Distribution	● Standard
Brake Assist	● Standard
Traction Control	● Standard
Electronic Stability Control	● Standard
Active Safety Warning Systems	● Lane Departure Warning; ● Front Collision Warning; ● Rear Collision Warning; ● Rear Cross Traffic Alert; ● Door Opening Warning; ● Front Cross Traffic Alert; ● Front Cross Traffic Braking
Lane Departure Warning	● Lane Departure Warning
Front Collision Warning	● Front Collision Warning
Rear Collision Warning	● Rear Collision Warning
Rear Cross Traffic Alert	● Rear Cross Traffic Alert
Door Opening Warning	● Door Opening Warning
Front Cross Traffic Alert	● Front Cross Traffic Alert
Front Cross Traffic Braking	● Front Cross Traffic Braking
Autonomous Emergency Braking	● Standard
Lane Change Assist	● Standard
Lane Keeping Assist	● Standard

Parameter	Xia DM-i 2025 100KM Navigation Edition
Lane Centering	● Standard
Driver Fatigue Warning	-
Active Driver Monitoring	-
In-cabin Vital Sign Detection	-
Traffic Sign Recognition	● Standard
Traffic Light Recognition	● Standard
Night Vision	-
Passive Safety	-
Front Airbags	● Driver; ● Front Passenger
Driver Airbag	● Driver
Front Passenger Airbag	● Front Passenger
Side Airbags	● Front
Front Side Airbags	● Front
Rear Side Airbags	-
Side Curtain Airbags	● Standard
Front Knee Airbags	● Driver
Driver Knee Airbag	● Driver
Center Airbag	● Front
Front Center Airbag	● Front
Seat Belt Reminder	● Standard
Tire Pressure Monitoring	Tire Pressure Display
ISOFIX Child Seat Anchors	● Standard
Passive Pedestrian Protection	-
Run-flat Tires	-
Driver Assistance / Controls	-
Parking Sensors	● Front; ● Rear
Front Parking Sensors	● Front
Rear Parking Sensors	● Rear
Front Vehicle Departure Alert	-
Narrow Road Assist	● Standard
Parking / Driving Camera	● Reversing Camera; ● 360° Panoramic Camera; ● Transparent Chassis View
Reversing Camera	● Reversing Camera
360° Panoramic Camera	● 360° Panoramic Camera
Transparent Chassis View	● Transparent Chassis View
Cruise Control Systems	● Cruise Control; ● Adaptive Cruise Control; ● Full-speed Adaptive Cruise Control
Cruise Control	● Cruise Control
Adaptive Cruise Control	● Adaptive Cruise Control
Full-speed Adaptive Cruise Control	● Full-speed Adaptive Cruise Control
Automatic Lane Change Assist	● Standard
Automatic Ramp Entry / Exit	● Standard
Navigation-assisted Driving	● Highway Navigation Assist
Highway Navigation Assist	● Highway Navigation Assist
City Navigation Assist	-
Driving Assistance Level	Level 2
Automatic Parking	● Standard

Parameter	Xia DM-i 2025 100KM Navigation Edition
Track-back Reversing	-
Memory Parking	-
Automated Valet Parking	● Standard
Auto Hold	● Standard
Hill-start Assist	● Standard
Hill Descent Control	● Standard
Engine Start-stop System	-
Adjustable Suspension	Damping Stiffness
Air Suspension	-
Air Suspension Type	-
Electromagnetic Suspension	-
Variable Steering Ratio	-
Front Axle Limited-slip Type	-
Rear Axle Limited-slip Type	-
Center Differential Lock	-
Integral Active Steering	-
Drive Modes	● Sport; ● Snow; ● Standard / Comfort; ● ECO
Sport Mode	● Sport
Snow Mode	● Snow
Standard / Comfort Mode	● Standard / Comfort
ECO Mode	● ECO
Regenerative Braking	● Standard
Comfort Braking	● Standard
Low-speed Pedestrian Warning Sound	● Standard
Exterior Features	-
Sunroof Type	Segmented Opening Panoramic Sunroof
Electrochromic Panoramic Roof	-
Roof Rails	-
Sport Appearance Package	-
Power Spoiler	-
Active Grille Shutters	● Standard
Sliding Door	● Dual-side Power Opening/Closing
Manual Sliding Door	-
Dual-side Power Sliding Doors	● Dual-side Power Opening/Closing
Door Slide Rail	Hidden
Alloy Wheels	● Standard
Side Step	-
Frameless Doors	-
Hidden Door Handles	-
Tow Hook	-
Interior Features	-
Steering Wheel Material	● Leather
Leather Steering Wheel	● Leather
Steering Wheel Adjustment	Tilt + Telescopic
Power Steering Wheel Adjustment	-

Parameter	Xia DM-i 2025 100KM Navigation Edition
Steering Wheel Functions	● Multifunction Controls
Multifunction Steering Wheel	● Multifunction Controls
Steering Wheel Heating	-
Gear Selector Type	● Electronic Column Shifter
Electronic Column Shifter	● Electronic Column Shifter
Instrument Cluster Type	Full LCD
Instrument Display Size (in)	● 12.3
12.3-inch Instrument Display	● 12.3
Comfort / Anti-theft	-
Power Doors	-
Power Tailgate	● Standard
Hands-free Tailgate	-
Power Tailgate Position Memory	● Standard
Engine Immobilizer	● Standard
Central Locking	● Standard
Key Types	● Smart Remote Key; ● NFC / RFID Key; ● Bluetooth Phone Key
Smart Remote Key	● Smart Remote Key
NFC / RFID Key	● NFC / RFID Key
Bluetooth Phone Key	● Bluetooth Phone Key
Keyless Entry	All Windows
Keyless Start	● Standard
Remote Start	● Standard
Remote Vehicle Movement	● Standard
Remote Summon	-
Head-up Display	-
HUD Projection Size (inches)	-
26-inch HUD Projection	-
Built-in Dashcam	● Standard
Factory ETC	● Standard
Active Noise Cancellation	-
Wireless Phone Charging	-
Maximum Wireless Charging Power (W)	-
50 W Wireless Charging	-
Power Outlets	-
12 V Luggage Compartment Outlet	-
Seats	-
Seat Material	● Synthetic Leather
Synthetic Leather Seats	● Synthetic Leather
Genuine Leather Seats	-
Seat Leather Style	-
Sport Seats	-
Seat Layout	● 2+2+3
2+2+3 Seat Layout	● 2+2+3
Second-row Independent Seats	● Standard
Third-row Seats	3 Seats

Parameter	Xia DM-i 2025 100KM Navigation Edition
Zero-gravity Seats	-
Power Seat Adjustment	● Driver; ● Front Passenger
Driver Seat Adjustment	● Driver
Front Passenger Seat Adjustment	● Front Passenger
Second-row Power Seat Adjustment	-
Third-row Power Seat Adjustment	-
Foldable Third-row Seats	● Standard
Driver Seat Overall Adjustment	● Fore/Aft Adjustment; ● Backrest Angle; ● Height Adjustment
Driver Seat Fore/aft Adjustment	● Fore/Aft Adjustment
Driver Seat Backrest Adjustment	● Backrest Angle
Driver Seat Height Adjustment	● Height Adjustment
Driver Seat Partial Adjustment	● Headrest
Driver Headrest Adjustment	● Headrest
Driver Lumbar Adjustment	-
Front Passenger Seat Overall Adjustment	● Fore/Aft Adjustment; ● Backrest Angle
Front Passenger Seat Fore/aft Adjustment	● Fore/Aft Adjustment
Front Passenger Seat Backrest Adjustment	● Backrest Angle
Front Passenger Seat Partial Adjustment	● Headrest
Front Passenger Headrest Adjustment	● Headrest
Front Passenger Lumbar Adjustment	-
Second-row Seat Overall Adjustment	● Fore/Aft Adjustment; ● Backrest Angle Adjustment
Second-row Fore/Aft Adjustment	● Fore/Aft Adjustment
Second-row Backrest Adjustment	● Backrest Angle Adjustment
Second-row Seat Partial Adjustment	-
Second-row Leg-rest Adjustment	-
Second-row Lumbar Adjustment	-
Front Seat Functions	-
Front Seat Heating	-
Front Seat Ventilation	-
Front Seat Memory	-
Front Seat Massage	-
Driver Seat Massage	-
Second-row Seat Functions	-
Second-row Seat Heating	-
Second-row Seat Memory	-
Second-row Seat Ventilation	-
Second-row Seat Massage	-
Third-row Seat Functions	-
Rear Passenger-adjustable Front Passenger Seat	-
Center Armrests	● Front; ● Rear
Front Center Armrest	● Front
Rear Center Armrest	● Rear
Rear Cup Holders	● Standard
Heated / Cooled Cup Holder	-
Second-row Seat Folding	40:60

Parameter	Xia DM-i 2025 100KM Navigation Edition
Power-folding Rear Seats	-
Second-row Tray Table	-
Smart Connectivity	-
Center Display Size (in)	15.6
Center Screen Material	● LCD
LCD Center Screen	● LCD
Passenger Screen Size (inches)	-
12.3-inch Passenger Screen	-
GPS Navigation	● Standard
AR Navigation	-
Navigation System	● Standard
Map Provider	● Baidu
Baidu Maps	● Baidu
Amap	-
Location Services	● Standard
Bluetooth / Hands-free Calling	● Standard
Phone Integration	-
HUAWEI HiCar	-
Connected Car Services	● Standard
Mobile Data Network	● 5G
4G Network	● 5G
OTA Updates	● Standard
Facial Recognition	-
Fingerprint Recognition	-
Voiceprint Recognition	-
Emotion Recognition	-
Voice Recognition System	● Standard
Wake-word-free Voice Control	● Standard
Voice Wake-up Zones	● Four-zone
Four-zone Voice Recognition	● Four-zone
Voice Control Functions	● Standard
Visible-to-speak	● Standard
Voice Wake-up Phrase	Hello Xiaodi
Gesture Control	-
Wi-Fi	● Standard
Infotainment	-
Multi-finger Screen Gestures	-
App Store	● Standard
Media Interfaces	● SD Card Slot; ● USB / Type-C
SD Card Slot	● SD Card Slot
USB / Type-C	● USB / Type-C
USB / Type-C Port Count	● 2 Front; ● 4 Rear
Front USB / Type-C Port Count	● 2 Front
Rear USB / Type-C Port Count	● 4 Rear
Maximum USB / Type-C Charging Power	-

Parameter	Xia DM-i 2025 100KM Navigation Edition
In-car TV	-
Rear Display	-
Rear Screen Size (inches)	-
15.6-inch Rear Screen	-
External Sound Simulation	-
Karaoke Function	● Standard
Audio Brand	-
Number of Speakers	● 12
12 Speakers	● 12
24 Speakers	-
28 Speakers	-
28 Speakers	-
Dolby Atmos	-
Amplifier Maximum Output Power (W)	-
2160 W Amplifier Output	-
Seat Speakers (Headrest / Shoulder)	-
Ceiling Sound Channels	-
Rear Touch Control	-
Lighting	-
Low-beam Headlight Type	LED
High-beam Headlight Type	LED
Daytime Running Lights	● Standard
Adaptive High / Low Beam	● Standard
Automatic Headlights	● Standard
Cornering Lights	● Standard
Front Fog Lights	-
Steering-responsive Headlights	-
Headlight Height Adjustment	● Standard
Headlight Washers	-
Interior Ambient Lighting	Single-color
Active Ambient Lighting	-
Active Ambient Lighting - Standard	-
Special Lighting Functions	-
Light Projection Technology	-
Follow-me-home Headlights	● Standard
Rain / Fog Headlight Mode	-
Glass / Mirrors	-
Power Windows	● Front; ● Rear
Front Power Windows	● Front
Rear Power Windows	● Rear
One-touch Window Operation	All Windows
Anti-pinch Windows	● Standard
Exterior Mirror Functions	● Power Adjustment; ● Heating; ● Power Folding; ● Auto-fold on Lock
Power-adjustable Exterior Mirrors	● Power Adjustment
Heated Exterior Mirrors	● Heating

Parameter	Xia DM-i 2025 100KM Navigation Edition
Power-folding Exterior Mirrors	● Power Folding
Exterior Mirror Memory	-
Reverse Auto-tilt Exterior Mirrors	-
Auto-folding Mirrors on Lock	● Auto-fold on Lock
Interior Mirror Functions	-
Auto-dimming Interior Mirror	-
Streaming Rear-view Mirror	-
Vanity Mirrors	● Driver Vanity Mirror with Light; ● Front Passenger Vanity Mirror with Light
Driver Vanity Mirror with Light	● Driver Vanity Mirror with Light
Front Passenger Vanity Mirror with Light	● Front Passenger Vanity Mirror with Light
Rear Privacy Glass	● Standard
Sunshades	-
Rain-sensing Wipers	● Standard
Rear Wiper	● Standard
Acoustic Laminated Glass	Front + Rear
Heated Windshield	-
Heated Washer Nozzles	-
Climate Control / Refrigerator	-
Climate Control Type	Automatic
Independent Rear Climate Control	● Standard
Rear Air Vents	● Standard
Temperature Zone Control	● Three-zone Climate Control
Three-zone Climate Control	● Three-zone Climate Control
Air Purifier	-
PM2.5 Filter	-
Negative Ion Generator	-
In-car Fragrance System	-
AQS Air Quality Management	-
In-car Refrigerator	-
Refrigerator Functions	-
Freezing	-
Refrigerator Cooling	-
Refrigerator Heating	-

Smart Features

Parameter	Xia DM-i 2025 100KM Navigation Edition
Driving Assistance System	● DiPilot 100
DiPilot 100	● DiPilot 100
DiPilot 300	-
Driving Assistance Chip	● NVIDIA DRIVE Orin N
NVIDIA DRIVE Orin N	● NVIDIA DRIVE Orin N
NVIDIA DRIVE Orin X	-
Driving Chip Computing Power (TOPS)	● 84
84 TOPS	● 84

Parameter	Xia DM-i 2025 100KM Navigation Edition
254 TOPS	-
In-vehicle Smart System	● DiLink
DiLink	● DiLink
Infotainment Chip	● D100
D100	● D100
System Memory (GB)	● 12
12 GB Memory	● 12
16 GB Memory	-
System Storage (GB)	● 256
256 GB Storage	● 256
Mobile App Remote Functions	● Digital Key; ● Vehicle Monitoring; ● Remote Control; ● Charging Management; ● Service Appointment
Digital Key	● Digital Key
Vehicle Monitoring	● Vehicle Monitoring
Remote Control	● Remote Control
Charging Management	● Charging Management
Service Appointment	● Service Appointment
Heat Pump System	-
Maximum Forward Detection Distance (m)	● 530
530 m Forward Detection Range	● 530
Exterior Camera Count	13
Exterior Camera Resolution	● 8 MP × 3
8 MP × 3 Exterior Cameras	● 8 MP × 3
Number of Interior Cameras	-
1 Interior Camera	-
Interior Camera Resolution	-
Ultrasonic Sensor Count	12
Millimeter-wave Radar Count	5
Number of LiDAR Sensors	-
Sub-meter High-precision Positioning	-
High-definition Map	-
Sentry / Remote View Mode	● Standard
V2X Communication	-
Optional Packages	-
Custom Options	Selectable exterior, interior, wheels and brakes
Comfort Option Package	-
Comfort Option Package Item	-
Comfort Option Package Item	-