

EBU AUTO

BYD Han DM 2025 Long Range Smart Driving Edition DM-i 245KM LiDAR Flagship



Basic Information

| Parameter | Value |
|---------------------------------------|--|
| Official RMB Guide Price | RMB 199,800 |
| Brand | BYD |
| Vehicle Class | Mid-to-large Sedan |
| Energy Type | Plug-in Hybrid |
| Launch Time | 2025.10 |
| Engine Description | 1.5T 156 Ps L4 plug-in hybrid |
| MIIT Pure Electric Range (km) | 180 |
| NEDC Pure Electric Range (km) | - |
| WLTC Pure Electric Range (km) | 180 |
| CLTC Pure Electric Range (km) | 245 |
| MIIT Comprehensive Range (km) | - |
| NEDC Comprehensive Range (km) | - |
| Charging Time | Fast charging 26 min Slow charging 4.5 h |
| Fast Charging Percent | - |
| Drive Motor Maximum Power (kW) | - |
| Engine Max Power Horsepower | 115(156Ps) |
| Electric Max Power | 200(272Ps) |
| Drive Motor Maximum Torque (N·m) | 315 |
| Engine Maximum Torque (N·m) | 225 |
| Electric Max Torque | 315 |
| Gearbox Description | E-CVT continuously variable transmission |
| Length × Width × Height (mm) | 4995x1910x1495 |
| Body Structure | 4-door 5-seat sedan |
| Max Speed | 200 |
| Acceleration Time | 6.7 |
| Fuel Comprehensive | - |
| WLTC Fuel Comprehensive | 0.67 |
| Power Consumption | 15.9 |
| E Energy Equivalent Fuel Consumption | 2.8 |
| State Of Charge Fuel Consumption | 4.49 |
| WLTC State Of Charge Fuel Consumption | 4.49 |
| NEDC State Of Charge Fuel Consumption | 3.44 |
| Period | 6 years or 150,000 km |
| Maintain Cost | RMB 3921.0 |

Body

| Parameter | Value |
|------------------|-------|
| Length | 4995 |
| Width | 1910 |
| Height | 1495 |
| Wheelbase (mm) | 2920 |
| Front Track (mm) | 1640 |

| Parameter | Value |
|--------------------|--------------------|
| Rear Track (mm) | 1650 |
| Min Clearance | - |
| Body Struct | Sedan |
| Number of Doors | 4 |
| Door Open Way | Conventional doors |
| Number of Seats | 5 |
| Curb Weight (kg) | 2045 |
| Gross Weight (kg) | 2470 |
| Oil Tank Volume | 50.0 |
| Cargo Volume (L) | - |
| Min Turning Radius | 6.15m |

Engine

| Parameter | Value |
|------------------------------|--|
| Engine Model | BYD472ZQB |
| Cylinder Volume MI | 1498 |
| Capacity L | 1.5 |
| Gas Form | Turbocharged |
| Engine Layout Form | Transverse |
| Cylinder Arrangement | L |
| Cylinder Nums | 4 |
| Valves Per Cylinder Nums | 4 |
| Compression Ratio S | 12.5 |
| Air Supply | DOHC |
| Engine Max Horsepower | 156 |
| Engine Maximum Power (kW) | 115 |
| Max Engine Net Power | 110 |
| Max Power Revolution | 5500 |
| Engine Maximum Torque (N·m) | 225 |
| Engine Max Torque Revolution | 2500-4500 |
| Engine Fuel Efficiency | 45.3 |
| Engine Unique Tech | Miller cycle / variable-geometry turbo / VVT |
| Energy Type | Plug-in Hybrid |
| Fuel Label | 92# |
| Oil Supply | Direct injection |
| Cylinder Head Material | Aluminum alloy |
| Cylinder Material | Aluminum alloy |
| Environmental Standards | China VI |

Electric Motor

| Parameter | Value |
|----------------------------------|--------------------------------|
| Electric Motor Description | Plug-in hybrid 272 Ps |
| Electric Type | Permanent magnet / synchronous |
| Total Electric Power | 200 |
| Front Electric Max Horsepower | 272 |
| Total Electric Torque | 315 |
| Front Motor Maximum Power (kW) | 200 |
| Front Motor Maximum Torque (N·m) | 315 |
| Rear Motor Maximum Power (kW) | - |
| Rear Motor Maximum Torque (N·m) | - |
| Electric System Power | - |
| Electric System Torque | - |
| Electric Drive Number | Single motor |
| Electric Layout | Front-mounted |

Battery / Charging

| Parameter | Value |
|--------------------------------|---|
| Battery Type | Lithium iron phosphate battery |
| Battery Special Technology | Blade battery |
| Battery Brand | FinDreams |
| Battery Warranty | Lifetime warranty for first owner (subject to official terms) |
| Battery Capacity (kWh) | 29.4 |
| Battery Energy Density (Wh/kg) | - |

| Parameter | Value |
|-----------------------|-------|
| Battery Charging Rate | - |

Battery Charging

| Parameter | Value |
|---------------------------|----------|
| Battery Charging Charging | Standard |
| DC Fast-charging Port | Standard |

Battery / Charging

| Parameter | Value |
|-----------------------|-------|
| Max Fast Charge Power | 69 |

DC Charging Port Position

| Parameter | Value |
|---|----------|
| DC Charging Port Position (Right rear side) | Standard |

AC Charging Port Position

| Parameter | Value |
|---|----------|
| DC Charging Port Position (Right rear side) | Standard |

Battery / Charging

| Parameter | Value |
|---|----------------|
| Battery Temperature Management System Heating | Standard |
| Battery Temperature Management System Cooling | Direct cooling |
| Single Footboard Mode | - |
| VTOL Power Station | Standard |
| Max External Discharge Power | 6kW |
| Vtov Max External Discharge Power | - |

Transmission

| Parameter | Value |
|---------------------|--|
| Gearbox Description | E-CVT continuously variable transmission |
| Number of Gears | CVT |
| Gearbox Type | CVT(E-CVT) |

Chassis / Steering

| Parameter | Value |
|-----------------------|-----------------------------------|
| Drive Type | Front-engine FWD |
| Fourwheel Drive Type | - |
| Front Suspension Type | MacPherson independent suspension |
| Rear Suspension Type | Multi-link independent suspension |
| Power Steering Type | Electric power steering |
| Car Body Structure | Unibody |

Wheels / Brakes

| Parameter | Value |
|--------------------------|--------------------------|
| 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 | - |
| Special Features | - |
| ABS Anti Lock | Standard |
| Brake Force | Standard |
| Brake Assist | Standard |
| Traction Control | Standard |
| Body Stability System | Standard |

Active Safety Warning System

| Parameter | Value |
|-----------------------------|----------|
| Lane Departure Warning | Standard |
| Forward Collision Warning | Standard |
| Rear Collision Warning | Standard |
| Rear Cross Traffic Alert | Standard |
| Door Open Warning | Standard |
| Front Cross Traffic Alert | Standard |
| Front Cross Traffic Braking | Standard |

Wheels / Brakes

| Parameter | Value |
|-------------------------------|----------|
| Active Brake | Standard |
| Line Support | Standard |
| Lane Keeping Assist | Standard |
| Lane Center | Standard |
| Fatigue Driving Warning | Standard |
| Active DMS Fatigue Detection | Standard |
| Vital Signs Detection | - |
| Road Traffic Sign Recognition | Standard |
| Signal Recognition | Standard |
| Night Vision System | - |
| Special Features | - |

Front Airbag Driving

| Parameter | Value |
|----------------------|----------|
| Driver Seat | Standard |
| Front Passenger Seat | Standard |

Side Airbags

| Parameter | Value |
|-----------|----------|
| Front Row | Standard |
| Rear Row | Standard |

Wheels / Brakes

| Parameter | Value |
|------------------|----------|
| Side Air Curtain | Standard |

Front Airbag

| Parameter | Value |
|-------------|----------|
| Driver Seat | Standard |

Wheels / Brakes

| Parameter | Value |
|-------------------------------|-----------------------|
| Front Near Center Airbag | - |
| Seat Belt Prompted | Standard |
| Tire Pressure System | Tire pressure display |
| Child Seat Interface | Standard |
| Passive Pedestrian Protection | - |
| Explosion Tire | - |
| Navigation Assistance Control | - |

Parking Sensors

| Parameter | Value |
|---------------------|----------|
| Front Parking Radar | Standard |
| Rear Parking Radar | Standard |

Wheels / Brakes

| Parameter | Value |
|--------------------------------|----------|
| Forward Car Departure Reminder | - |
| Narrow Road Assistance | Standard |

Driving Assist Camera View Camera View

| Parameter | Value |
|--|----------|
| Driving Assist Camera View Camera View | Standard |
| Driving Assist Camera View 360°Camera View | Standard |
| Driving Assist Camera View Camera View | - |

Cruise System Cruise

| Parameter | Value |
|----------------------|----------|
| Cruise System Cruise | Standard |
| Cruise System Cruise | Standard |
| Cruise System Cruise | Standard |

Wheels / Brakes

| Parameter | Value |
|------------------|----------|
| Auto Road Change | Standard |
| Auto Road Out In | Standard |

Navigation-assisted Driving

| Parameter | Value |
|---------------------------|----------|
| Highway Navigation Assist | Standard |
| Urban Navigation Assist | Standard |

Wheels / Brakes

| Parameter | Value |
|-------------------------|----------|
| Automatic Drive Level | L2 |
| Auto Park Entry | Standard |
| Track Reverse | - |
| Memory Parking | Standard |
| Automated Valet Parking | Standard |
| Auto Park | Standard |
| Uphill Support | Standard |
| Steep Slope | - |
| Engine Sas Tech | - |

Adjustable Suspension

| Parameter | Value |
|-----------------------------------|----------|
| Variable Suspension - Soft / hard | Standard |

Wheels / Brakes

| Parameter | Value |
|-----------------------------------|-------|
| Air Suspension | - |
| Air Suspension | - |
| Electromagnetic Induct Suspension | - |
| Variable Steer System | - |
| Front Slip Method | - |
| Rear Slip Method | - |
| Central Differential Lock | - |
| Overall Turn | - |

Drive Mode Selection

| Parameter | Value |
|------------------|----------|
| Sport | Standard |
| Snow | Standard |
| Eco | Standard |
| Normal / Comfort | Standard |

Wheels / Brakes

| Parameter | Value |
|---------------------------|----------|
| Brake Energy Regeneration | Standard |
| Comfortable Braking | Standard |
| Low Speed Driving Warning | Standard |

| Parameter | Value |
|--------------------------|----------------------------|
| Special Features | - |
| Skylight Type | Openable panoramic sunroof |
| Light Sensing Canopy | - |
| Roof Racks | - |
| Sports Appearance Kit | - |
| Electric Spoiler | - |
| Active Closed Inlet Grid | - |
| Alloy Wheel | Standard |
| Frameless Design Door | - |
| Hidden Door Handle | Standard |
| Drag Hook | - |
| Special Features | - |

Steering Wheel Material

| Parameter | Value |
|--|----------|
| Steering Wheel Material | Standard |
| Steer Wheel Material - Genuine leather | - |

Wheels / Brakes

| Parameter | Value |
|-----------------------------|-------|
| Steer Wheel Adjustment | + |
| Elec Steer Wheel Adjustment | - |

Steering Wheel Function

| Parameter | Value |
|--|----------|
| Steering Wheel Function Function Control | Standard |
| Memory | - |
| Heating | Standard |

Gear Selector Type

| Parameter | Value |
|--|----------|
| Gear Selector Type (Electronic column shifter) | Standard |
| Gear Selector Type (Electronic gear selector) | - |

Wheels / Brakes

| Parameter | Value |
|--------------------|----------|
| LCD Dashboard Type | Full LCD |

Size ()

| Parameter | Value |
|-----------|----------|
| 12.3 | Standard |

Wheels / Brakes

| Parameter | Value |
|---------------------------|----------|
| Special Features | - |
| Electric Door | - |
| Electric Back Door | Standard |
| Inductive Back Door | - |
| Electric Back Door Memory | Standard |
| Engine Anti Theft | Standard |
| Central Locking Car | Standard |

Key Type Intelligent Key

| Parameter | Value |
|-----------------------------|----------|
| Key Type Intelligent Key | Standard |
| Key Type Key | Standard |
| Key Type NFC/RFIDKey | Standard |
| Remote Key - UWBDigital key | - |

Wheels / Brakes

| Parameter | Value |
|--------------------------|-----------|
| Keyless Entry | Front row |
| Keyless Start | Standard |
| Engine Remote Start | Standard |
| Remote Control Move | Standard |
| Car Call | - |
| Header Display System | Standard |
| Built In Tachograph | Standard |
| Original ETC | Standard |
| Active Noise Reduction | Standard |
| Mobile Wireless Charging | Standard |

Charging Maximum Power (W)

| Parameter | Value |
|-----------|-------|
| 15 | - |
| 50 | 50 |

Wheels / Brakes

| Parameter | Value |
|--------------------------|-------------------|
| Power Outlet | - |
| Baggage 12V Power Outlet | Standard |
| Seats | - |
| Seat Material | Synthetic leather |
| Seat Cork Style | - |
| Sport Style Seat | - |
| Second Independent Seat | - |

Power Seat Adjustment

| Parameter | Value |
|---------------------------------------|----------|
| Driver Seat | Standard |
| Front Passenger Seat | Standard |
| Second Row Seat Electrical Adjustment | - |

Wheels / Brakes

| Parameter | Value |
|--------------------------|-------|
| Stowable Third Row Seats | - |

Driver Seat Overall Adjustment

| Parameter | Value |
|-------------------|----------|
| Seat Front Rear | Standard |
| Backrest Angle | Standard |
| Height Adjustment | Standard |

Driver Seat Partial Adjustment

| Parameter | Value |
|---------------------------|----------|
| Headrest | Standard |
| Main Drive Waist - Lumbar | Standard |

Front Passenger Seat Overall Adjustment

| Parameter | Value |
|-------------------|----------|
| Seat Front Rear | Standard |
| Height Adjustment | Standard |
| Backrest Angle | Standard |

Front Passenger Seat Partial Adjustment

| Parameter | Value |
|---------------------------|----------|
| Headrest | Standard |
| Main Drive Waist - Lumbar | Standard |

Second Seat Control Functional

| Parameter | Value |
|---|-------|
| Second-row Seat Main Adjustments - Option | - |

Wheels / Brakes

| Parameter | Value |
|-------------------|-------|
| Second Local Seat | - |

Front Seat Function

| Parameter | Value |
|--|----------|
| Heating | Standard |
| Front Seat Function | Standard |
| Front Seat Massage | Standard |
| Front Seat Function (Driving) | Standard |
| Front Seat Functions - Driver Seat Heating | - |
| Front Seat Function (Driving) | - |

Seat Function

| Parameter | Value |
|---------------------|-------|
| Heating | - |
| Front Seat Function | - |
| Front Seat Massage | - |

Wheels / Brakes

| Parameter | Value |
|---------------------------------|----------|
| Co Pilot Rear Adjustable Button | Standard |

Front /Rear

| Parameter | Value |
|-----------|----------|
| Front Row | Standard |
| Rear Row | Standard |

Wheels / Brakes

| Parameter | Value |
|----------------------------|----------|
| Rear Cup Holder | Standard |
| Hot Cold Cup Holder | - |
| Second Row Seat Down Ratio | - |
| Second Row Small Desktop | - |
| Special Features | - |
| Center Screen Size | 15.6 |

Material

| Parameter | Value |
|-----------|----------|
| LCD | Standard |

Wheels / Brakes

| Parameter | Value |
|-------------------------|----------|
| Rotatable Center Screen | - |
| GPS | Standard |
| AR Reality Navigation | - |
| Navigation System | Standard |

Map Provider

| Parameter | Value |
|-----------|----------|
| Baidu | - |
| Amap | Standard |

Wheels / Brakes

| Parameter | Value |
|-------------------------|----------|
| Position Service | Standard |
| Bluetooth And Car Phone | Standard |

Phone Projection

| Parameter | Value |
|--|----------|
| HUAWEI HiCar | Standard |
| Carlink | Standard |
| Smartphone Connectivity / Mirroring (OEM system) | Standard |

Wheels / Brakes

| Parameter | Value |
|----------------|----------|
| Car Networking | Standard |

4G/5G

| Parameter | Value |
|-----------|----------|
| 5G | Standard |

Wheels / Brakes

| Parameter | Value |
|---------------------------|----------|
| OTA Upgrade | Standard |
| Facial Recognition | Standard |
| Fingerprint Recognition | - |
| Voiceprint Recognition | - |
| Emotion Recognition | - |
| Speech Recognition System | Standard |
| Voice Wake Up Free | Standard |

Multi-zone Voice Wake-up Recognition

| Parameter | Value |
|-------------|----------|
| Four-zone | Standard |
| Single-zone | - |

Wheels / Brakes

| Parameter | Value |
|-----------------------------|----------|
| Voice Recognition | Standard |
| Visible To Say | Standard |
| Voice Wake Up Word | Hi BYD |
| Gesture Control System | - |
| Wi-Fi | Standard |
| Special Features | - |
| Multi Finger Screen Control | - |
| App Store | Standard |

Media Ports

| Parameter | Value |
|-------------------------------------|----------|
| Multimedia Interface - SD card slot | Standard |
| USB/Type-C | Standard |

USB/Type-CQuantity

| Parameter | Value |
|----------------------------|----------|
| USB/Type-CQuantity Front 2 | Standard |
| USB/Type-CQuantity Rear 2 | Standard |

USB/Type-CMaximum Charging Power

| Parameter | Value |
|---|-------|
| USB/Type-CMaximum Charging Power Front 18W | - |
| Back USB Typec Max Charging Power - Rear row60W | - |

Wheels / Brakes

| Parameter | Value |
|-----------------|-------|
| Car Tv | - |
| Rear LCD Screen | - |
| Voice Simulate | - |

| Parameter | Value |
|-------------|----------|
| Karaoke | Standard |
| Sound Brand | Dynaudio |
| Speaker | 12 |

Amplifier Max Output Power Watt

| Parameter | Value |
|-----------|----------|
| 775 | Standard |

Wheels / Brakes

| Parameter | Value |
|-----------------------------|------------|
| Rear Touch Control System | - |
| Special Features | - |
| Low Headlamp Type | LED |
| High Headlamp Type | LED |
| Daytime Light | Standard |
| Adaptive Light | Standard |
| Auto Headlamp | Standard |
| Steer Assist Light | Standard |
| Front Fog Light | - |
| Headlamp Follow Up | - |
| Headlight Height Adjustment | Standard |
| Headlight Clean Function | - |
| Interior Light | Multicolor |

Active Ambient Lighting

| Parameter | Value |
|------------------------------------|----------|
| Active Ambient Lighting (Standard) | Standard |

Wheels / Brakes

| Parameter | Value |
|-----------------------------|----------|
| Light Special Function | - |
| Light Projection Technology | - |
| Headlamp Delay Off | Standard |
| Headlamp Rain Fog Mode | - |
| Special Features | - |

Power Windows

| Parameter | Value |
|-----------|----------|
| Front Row | Standard |
| Rear Row | Standard |

Wheels / Brakes

| Parameter | Value |
|---------------------------|-------------|
| Window One Key Lift | All windows |
| Window Anti Clip Function | Standard |

Exterior Mirror Functions

| Parameter | Value |
|---------------------------|----------|
| Power Adjustment | Standard |
| Heating | Standard |
| Power Folding | Standard |
| Memory | Standard |
| Auto Tilt-down in Reverse | Standard |
| Auto Folding on Lock | Standard |

Rear Function

| Parameter | Value |
|--------------|----------|
| Auto-dimming | Standard |

Vanity Mirrors

| Parameter | Value |
|------------------------------|----------|
| Driver Side with Lighting | Standard |
| Passenger Side with Lighting | Standard |

Wheels / Brakes

| Parameter | Value |
|-----------------------------------|-----------|
| Backside Privacy Glass | Standard |
| Window Sunshade | - |
| Rain Induction Wiper | Standard |
| Rear Wiper | - |
| Multilayer Soundproof Glass | Front row |
| Front Windshield Electric Heating | - |
| Heated Nozzle | - |
| Special Features | - |
| Air Control Model | Automatic |
| Rear Independent Air Conditioning | - |
| Rear Exhaust | Standard |

Temperature Zone Control

| Parameter | Value |
|--|----------|
| Dual-zone Climate Control | Standard |
| Temperature Partition Control - Three-zone A/C | - |

Wheels / Brakes

| Parameter | Value |
|-----------------------------------|----------|
| Car Purifier | Standard |
| PM2.5 Filtrating Equipment | Standard |
| Negative Ion Generator | Standard |
| Car Fragrance Device | Standard |
| AQS Air Quality Management System | - |
| Car Refrigerator | Standard |

Onboard Refrigerator Functions

| Parameter | Value |
|---------------|----------|
| Heating | Standard |
| Refrigeration | Standard |
| Freezing | Standard |

Assist Driving System DiPilot 100

| Parameter | Value |
|-------------|----------|
| DiPilot 100 | - |
| DiPilot 300 | Standard |
| DiPilot | - |

Assist Driving NVIDIA DRIVE Orin N

| Parameter | Value |
|---------------------|----------|
| NVIDIA DRIVE Orin N | - |
| NVIDIA DRIVE Orin X | Standard |

Assist Driving (TOPS) 84

| Parameter | Value |
|-----------|----------|
| 84 | - |
| 254 | Standard |

Intelligent System DiLink

| Parameter | Value |
|-----------|----------|
| DiLink | Standard |

Intelligent D100

| Parameter | Value |
|-----------|-------|
| D100 | - |

System (GB)

| Parameter | Value |
|-------------------|----------|
| Car System Memory | - |
| 12 | Standard |

System (GB)

| Parameter | Value |
|-----------|----------|
| 128 | - |
| 256 | Standard |

Mobile App Remote Control

| Parameter | Value |
|----------------------------------|----------|
| AppRemote Control Key | Standard |
| Vehicle Monitoring | Standard |
| AppRemote Control Remote Control | Standard |
| AppRemote Control Charging | Standard |
| Service Appointment | Standard |

Smart Features

| Parameter | Value |
|-----------------------------|-------|
| Heat Pump Management System | - |

Front Maximum (m) 350

| Parameter | Value |
|-----------|-------|
| 160 | - |
| 350 | - |

Camera Quantity ()

| Parameter | Value |
|--------------|----------|
| Camera Count | - |
| Camera Count | - |
| 11 | Standard |
| 12 | - |

Smart Features

| Parameter | Value |
|--------------------|-------|
| Outer Camera Pixel | - |

Camera Quantity ()

| Parameter | Value |
|--------------------|----------|
| Incar Camera Count | Standard |
| Incar Camera Count | - |

Smart Features

| Parameter | Value |
|--------------------|-------|
| Inner Camera Pixel | - |

Radar Quantity ()

| Parameter | Value |
|------------------|----------|
| Ultrasonic Radar | - |
| 12 | Standard |

Radar Quantity ()

| Parameter | Value |
|-----------------------|----------|
| Millimeter Wave Radar | - |
| Millimeter Wave Radar | Standard |
| Millimeter Wave Radar | - |

Smart Features

| Parameter | Value |
|--------------------------------|--|
| Laser Radar | 1 |
| High Precision Position System | - |
| High Precision Map | - |
| Sentinel Mode | Standard |
| V2X Communication | - |
| Special Features | - |
| User Custom Pkg | Optional exterior, interior, wheels and brakes |

Optional Package

| Parameter | Value |
|------------------|-------|
| Optional Package | - |
| Optional Package | - |

Smart Features

| Parameter | Value |
|------------------|-------|
| Special Features | - |

Special Features

| Parameter | Value |
|--|-------|
| 3D Holographic Transparent View System | - |

Special Features

| Parameter | Value |
|--|-------|
| Brembo Racing-grade Matte Gray 4-piston Front Fixed Calipers | - |

Special Features

| Parameter | Value |
|------------------------------------|-------|
| DiPilot Intelligent Remote Driving | - |

Special Features

| Parameter | Value |
|---|-------|
| DiSus-C Intelligent Damping Body Control System | - |

Special Features

| Parameter | Value |
|-------------------------------------|-------|
| Holographic Transparent View System | - |

Special Features

| Parameter | Value |
|----------------------|-------|
| Mobile Power Station | - |

Adaptive Rotating Floating Display

| Parameter | Value |
|------------------------------------|-------|
| Adaptive Rotating Floating Display | - |

Special Features

| Parameter | Value |
|--|-------|
| High-performance China Red 4-piston Front Fixed Calipers | - |