

EBU AUTO

BYD Han DM 2020 DM AWD Performance Luxury



Basic Information

| Parameter | Value |
|---------------------------------------|-------------------------------|
| Official RMB Guide Price | RMB 222,800 |
| Brand | BYD |
| Vehicle Class | Mid-to-large Sedan |
| Energy Type | Plug-in Hybrid |
| Launch Time | 2020.07 |
| Engine Description | 2.0T 192 Ps L4 plug-in hybrid |
| MIIT Pure Electric Range (km) | 81 |
| NEDC Pure Electric Range (km) | - |
| WLTC Pure Electric Range (km) | - |
| CLTC Pure Electric Range (km) | - |
| MIIT Comprehensive Range (km) | - |
| NEDC Comprehensive Range (km) | - |
| Charging Time | - |
| Fast Charging Percent | - |
| Drive Motor Maximum Power (kW) | 321 |
| Engine Max Power Horsepower | 141(192Ps) |
| Electric Max Power | 180(245Ps) |
| Drive Motor Maximum Torque (N·m) | 650 |
| Engine Maximum Torque (N·m) | 320 |
| Electric Max Torque | 330 |
| Gearbox Description | 6-speed wet dual-clutch |
| Length × Width × Height (mm) | 4960x1910x1495 |
| Body Structure | 4-door 5-seat sedan |
| Max Speed | 185 |
| Acceleration Time | 4.7 |
| Fuel Comprehensive | 1.4 |
| WLTC Fuel Comprehensive | - |
| Power Consumption | 14.2 |
| E Energy Equivalent Fuel Consumption | - |
| State Of Charge Fuel Consumption | - |
| WLTC State Of Charge Fuel Consumption | - |
| NEDC State Of Charge Fuel Consumption | - |
| Period | 6 years or 150,000 km |
| Maintain Cost | RMB 14008.0 |

Body

| Parameter | Value |
|------------------|-------|
| Length | 4960 |
| Width | 1910 |
| Height | 1495 |
| Wheelbase (mm) | 2920 |
| Front Track (mm) | 1640 |
| Rear Track (mm) | 1640 |
| Min Clearance | - |

| Parameter | Value |
|--------------------|--------------------|
| Body Struct | Sedan |
| Number of Doors | 4 |
| Door Open Way | Conventional doors |
| Number of Seats | 5 |
| Curb Weight (kg) | 2020 |
| Gross Weight (kg) | 2395 |
| Oil Tank Volume | 48.0 |
| Cargo Volume (L) | - |
| Min Turning Radius | 6.15m |

Engine

| Parameter | Value |
|------------------------------|------------------|
| Engine Model | BYD487ZQB |
| Cylinder Volume MI | 1999 |
| Capacity L | 2.0 |
| Gas Form | Turbocharged |
| Engine Layout Form | - |
| Cylinder Arrangement | L |
| Cylinder Num | 4 |
| Valves Per Cylinder Num | 4 |
| Compression Ratio S | - |
| Air Supply | DOHC |
| Engine Max Horsepower | 192 |
| Engine Maximum Power (kW) | 141 |
| Max Engine Net Power | - |
| Max Power Revolution | - |
| Engine Maximum Torque (N·m) | 320 |
| Engine Max Torque Revolution | - |
| Engine Fuel Efficiency | - |
| Engine Unique Tech | DVVT |
| 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 245 Ps |
| Electric Type | Permanent magnet / synchronous |
| Total Electric Power | 180 |
| Front Electric Max Horsepower | 245 |
| Total Electric Torque | 330 |
| Front Motor Maximum Power (kW) | - |
| Front Motor Maximum Torque (N·m) | - |
| Rear Motor Maximum Power (kW) | 180 |
| Rear Motor Maximum Torque (N·m) | 330 |
| Electric System Power | 321 |
| Electric System Torque | 650 |
| Electric Drive Number | Single motor |
| Electric Layout | Rear-mounted |

Battery / Charging

| Parameter | Value |
|--------------------------------|---|
| Battery Type | Ternary lithium battery |
| Battery Special Technology | Blade battery |
| Battery Brand | BYD |
| Battery Warranty | Lifetime warranty for first owner (subject to official terms) |
| Battery Capacity (kWh) | 15.2 |
| Battery Energy Density (Wh/kg) | - |
| Battery Charging Rate | - |

Battery Charging

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

Battery / Charging

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

DC Charging Port Position

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

AC Charging Port Position

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

Battery / Charging

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

Transmission

| Parameter | Value |
|---------------------|------------------------------------|
| Gearbox Description | 6-speed wet dual-clutch |
| Number of Gears | 6 |
| Gearbox Type | Wet Dual-clutch Transmission (DCT) |

Chassis / Steering

| Parameter | Value |
|-----------------------|-----------------------------------|
| Drive Type | Front-engine AWD |
| Fourwheel Drive Type | Electric AWD |
| 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 | SolidDisc |
| 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 | - |

| Parameter | Value |
|-----------------------------|-------|
| Rear Cross Traffic Alert | - |
| Door Open Warning | - |
| Front Cross Traffic Alert | - |
| Front Cross Traffic Braking | - |

Wheels / Brakes

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

Driving Assist Camera View Camera View

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

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

Cruise System Cruise

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

Wheels / Brakes

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

Navigation-assisted Driving

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

Wheels / Brakes

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

Adjustable Suspension

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

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 | - |

Wheels / Brakes

| Parameter | Value |
|---------------------------|----------------------------|
| Brake Energy Regeneration | Standard |
| Comfortable Braking | - |
| Low Speed Driving Warning | Standard |
| Special Features | - |
| Skylight Type | Openable panoramic sunroof |

| Parameter | Value |
|--------------------------|----------|
| Light Sensing Canopy | - |
| Roof Racks | - |
| Sports Appearance Kit | Optional |
| 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 | - |
| Steer Wheel Material - Genuine leather | Standard |

Wheels / Brakes

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

Steering Wheel Function

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

Gear Selector Type

| Parameter | Value |
|--|-------|
| Gear Selector Type (Electronic column shifter) | - |
| 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 | Optional |
| Inductive Back Door | - |
| Electric Back Door Memory | - |
| 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 | - |
| Remote Key - UWBDigital key | - |

Wheels / Brakes

| Parameter | Value |
|---------------|-----------|
| Keyless Entry | Front row |

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

Charging Maximum Power (W)

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

Wheels / Brakes

| Parameter | Value |
|--------------------------|-------------------|
| Power Outlet | - |
| Baggage 12V Power Outlet | - |
| 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 | - |
| Backrest Angle | Standard |

Front Passenger Seat Partial Adjustment

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

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

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 | - |

Wheels / Brakes

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

Map Provider

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

Wheels / Brakes

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

Phone Projection

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

Wheels / Brakes

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

4G/5G

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

Wheels / Brakes

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

Multi-zone Voice Wake-up Recognition

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

Wheels / Brakes

| Parameter | Value |
|-----------------------------|----------|
| Voice Recognition | - |
| Visible To Say | - |
| 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 | - |
| Karaoke | Standard |
| Sound Brand | - |

| Parameter | Value |
|-----------|-------|
| Speaker | 8 |

Amplifier Max Output Power Watt

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

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 | - |

Active Ambient Lighting

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

Wheels / Brakes

| Parameter | Value |
|-----------------------------|----------|
| Light Special Function | Matrix |
| Light Projection Technology | - |
| Headlamp Delay Off | Standard |
| Headlamp Rain Fog Mode | Standard |
| 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 | - |
| Auto Tilt-down in Reverse | - |
| Auto Folding on Lock | Standard |

Rear Function

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

Vanity Mirrors

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

| Parameter | Value |
|------------------------------|----------|
| 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 | - |
| AQS Air Quality Management System | - |
| Car Refrigerator | - |

Onboard Refrigerator Functions

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

Assist Driving System DiPilot 100

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

Assist Driving NVIDIA DRIVE Orin N

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

Assist Driving (TOPS) 84

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

Intelligent System DiLink

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

Intelligent D100

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

System (GB)

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

System (GB)

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

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 | Standard |
| Camera Count | - |
| 11 | - |
| 12 | - |

Smart Features

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

Camera Quantity ()

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

Smart Features

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

Radar Quantity ()

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

Radar Quantity ()

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

Smart Features

| Parameter | Value |
|--------------------------------|----------|
| Laser Radar | - |
| High Precision Position System | - |
| High Precision Map | - |
| Sentinel Mode | Standard |
| V2X Communication | - |
| Special Features | - |
| User Custom Pkg | 1 |

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 | Standard |

Special Features

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

Adaptive Rotating Floating Display

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

Special Features

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