

2022-2025 BYD Destroyer 05 DM

BYD Destroyer 05 DM 2022 DM-i 55 km Comfort

Selected Trim Overview

Brand	BYD
Model	Destroyer 05 DM
Trim	BYD Destroyer 05 DM 2022 DM-i 55 km Comfort
Year	2022
Energy	Plug-in Hybrid
Body Type	Compact Sedan
Drive	Front-engine FWD
RMB Guide Price	RMB 121,800
USD Reference	USD 17,912
Range	55 km
Battery	8.3 kWh
Power	132 kW

Full Configuration Parameters

Standard/optional symbols and source values are translated to English. Blank source cells are shown as -.

Basic Information

Official Guide Price	121,800 RMB
Manufacturer	BYD
Class	Compact Sedan
Energy Type	Plug-in Hybrid
Launch Time	2022.03
Engine	1.5L 110hp L4 Plug-in Hybrid
MIIT Pure Electric Range (km)	55
NEDC Pure Electric Range (km)	-
WLTC Pure Electric Range (km)	-
NEDC Combined Range (km)	1245
Charging Time	slow charge 2.5 h
Fast Charge SOC (%)	30-80
Engine Max Power (kW)	81(110Ps)
Motor Max Power (kW)	132(180Ps)
Engine Max Torque (N·m)	135
Motor Max Torque (N·m)	316
Transmission	E-CVT-Optional Package Detail
Length x Width x Height (mm)	4780x1837x1495
Body Structure	4-door 5-seatSedan
Top Speed (km/h)	185
Official 0-100 km/h Acceleration (s)	7.9
NEDC Combined Fuel Consumption (L/100 km)	3.8
WLTC Combined Fuel Consumption (L/100 km)	2.17
Power Consumption (kWh/100 km)	11.4
Electric Energy Equivalent Fuel Consumption (L/100 km)	1.29
WLTC Fuel Consumption at Low SOC (L/100 km)	4.6
NEDC Fuel Consumption at Low SOC (L/100 km)	3.8
Vehicle Warranty	6 yearsOptional Package Detail150,000 km
Estimated 60,000 km Maintenance Cost	8585.0 RMB

Body

Length (mm)	4780
Width (mm)	1837
Height (mm)	1495
Wheelbase (mm)	2718

Front Track (mm)	1580
Rear Track (mm)	1590
Minimum Ground Clearance (mm)	-
Body Structure	Sedan
Number of Doors	4
Door Opening Type	Swing Door
Number of Seats	5
Curb Weight (kg)	1515
Gross Vehicle Weight (kg)	1890
Fuel Tank Capacity (L)	48.0
Trunk / Cargo Volume (L)	450
Minimum Turning Radius	5.5m

Engine

Engine Model	BYD472QA
Displacement (mL)	1498
Displacement (L)	1.5
Intake Form	Naturally Aspirated
Engine Layout	Transverse
Cylinder Arrangement	L
Number of Cylinders	4
Valves per Cylinder	4
Compression Ratio	15.5
Valve Train	DOHC
Maximum Horsepower (Ps)	110
Maximum Power (kW)	81
Maximum Net Power (kW)	-
Max Power RPM	6000
Maximum Torque (N·m)	135
Max Torque RPM	4500
Engine Thermal Efficiency (%)	43.04
Engine Special Technology	VVT
Fuel Type	Plug-in Hybrid
Fuel Grade	92#
Fuel Supply Method	Multi-point Injection
Cylinder Head Material	Aluminum Alloy
Cylinder Block Material	Aluminum Alloy
Emission Standard	China VI

Electric Motor

Electric Motor Description	Plug-in Hybrid 180hp
-----------------------------------	----------------------

Motor Type	Permanent Magnet / Synchronous
Total Motor Power (kW)	132
Total Motor Horsepower (Ps)	180
Total Motor Torque (N·m)	316
Front Motor Max Power (kW)	132
Front Motor Max Torque (N·m)	316
Number of Drive Motors	-
Single Motor	-
Motor Layout	Front-mounted

Battery / Charging

Battery Type	-
Battery Type	-
Battery Technology	-
Battery Technology	-
Cell Brand	BYD
Battery Pack Warranty	-
Battery Capacity (kWh)	8.3
Battery Energy Density (Wh/kg)	-
Battery Charging Rate	-
Battery Charging	slow charge 2.5 h
● Fast Charging Port	● Fast charge Optional Package Detail
Maximum Fast Charging Power (kW)	17
Fast Charging Port Location	-
Right-side fuel filler position	-
Slow Charging Port Location	-
Battery Heating System	● Standard
Battery Cooling System	● Liquid Cooling
One-pedal Mode	-
VTOL Mobile Power Station Function	● Standard
VTOL Max External Discharge Power	3.3 kW
VTOV Max External Discharge Power	-
Lifetime warranty for the first owner (subject to official liability exemption terms)	-

Transmission

Transmission Description	E-CVT-Optional Package Detail
Number of Gears	-Optional Package Detail
Transmission Type	Optional Package Detail-Optional Package Detail(E-CVT)

Chassis / Steering

Drive Type	Front-engine 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

Front Brake Type	Ventilated Disc
Rear Brake Type	Solid Disc
Parking Brake Type	Electronic Parking Brake
Front Tire Size	225/60 R16
Rear Tire Size	225/60 R16
Spare Tire Size	-

Active Safety

ABS Anti-lock Braking	● Standard
Brake Force Distribution (EBD/CBC etc.)	● Standard
Brake Assist (EBA/BA etc.)	● Standard
Traction Control (TCS/ASR etc.)	● Standard
Vehicle Stability Control (ESP/DSC etc.)	● Standard
Active Safety Warning System	● Lane Departure Warning
Automatic Emergency Braking	● Standard
Lane Change Assist / Blind Spot Assist	● Standard
Lane Keeping Assist	● Standard
Lane Centering	● Standard
Driver Fatigue Warning	-
Active DMS Fatigue Detection	-
In-cabin Vital Sign Detection	-
Traffic Sign Recognition	● Standard
Traffic Light Recognition	-
Night Vision System	-
● Rear Collision Warning	● Rear Cross Traffic Warning

Passive Safety

Front Airbags	● Driver Seat
● Front Passenger Seat	● Passenger Seat
Side Airbags	● Front Row
Side Curtain Airbags	● Standard
Front Knee Airbag	-
Center Airbag	-

Seat Belt Reminder	● Standard
Tire Pressure Monitoring System	● Tire Pressure Display
ISOFIX Child Seat Anchors	● Standard
Passive Pedestrian Protection	-
Run-flat / Safety Tires	-

Driver Assistance / Control

Parking Radar	● Front
Front Vehicle Departure Reminder	-
Driver Assistance Camera System	● Rear View Camera
Cruise Control System	● Cruise Control
Automatic Lane Change Assist	-
Automatic Ramp Entry / Exit	-
Navigation Assisted Driving	-
Driver Assistance Level	● L2
Automatic Parking Assist	-
Tracking Reverse Assist	-
Memory Parking	-
Auto Hold	● Standard
Hill-start Assist (HAC)	● Standard
Hill Descent Control (HDC)	-
Engine Start-stop System	-
Variable Suspension Adjustment	-
Air Suspension	-
Air Suspension Type	-
Electromagnetic Suspension	-
Variable Steering Ratio System	-
Front Axle Limited-slip Type	-
Rear Axle Limited-slip Type	-
Center Differential Lock	-
Integral Active Steering	-
Drive Mode Selection	● Sport
● Snow	● Snow
● ECO / Economy	● ECO
Brake Energy Regeneration	● Standard
Comfort Braking	-
Low-speed Pedestrian Warning Sound	● Standard
● Rear	● Rear
Narrow Road Assist	-
● 360° Panoramic Camera	● 360-degree Panoramic View
● Adaptive Cruise Control	● Adaptive Cruise Control

● Standard / Comfort	● Standard / Comfort
----------------------	----------------------

Exterior Configuration

Sunroof Type	● Single Sunroof
Smart Dimming Canopy	-
Roof Rack	-
Sport Appearance Package	-
Electric Spoiler	-
Active Closed Front Grille	-
Alloy Wheels	● Standard
Frameless Doors	-
Hidden Door Handles	-
Tow Hook	-

Interior Configuration

Steering Wheel Material	● Leather
Steering Wheel Adjustment	● Tilt + Telescopic
Electric Steering Wheel Adjustment	-
Steering Wheel Functions	● Multi-function Controls
Gear Shift Type	-
Instrument Cluster Type	● Full LCD
Instrument Cluster Size (inches)	● Unknown

Comfort / Anti-theft

Soft-close Doors	-
Power Tailgate	-
Hands-free Tailgate	-
Power Tailgate Position Memory	-
Engine Immobilizer	● Standard
Central Locking	● Standard
Remote Key Type	● Smart Remote Key
● Phone Bluetooth Key	● Mobile Bluetooth Key
● NFC/RFID Key	● NFC / RFID Key
Keyless Entry	● Front Row
Keyless Start	● Standard
Remote Start	● Standard
Remote Vehicle Movement	● Standard
Vehicle Summon	-
Head-up Display (HUD)	-
Built-in Dashcam	● Standard

Active Noise Cancellation	-
Wireless Phone Charging	● Standard
110V/220V/230V Power Outlet	-
Cargo Area 12V Power Outlet	-
Max Wireless Charging Power (W)	15

Seat Configuration

Seat Material	● Leatherette
Sport Style Seats	● Standard
Second-row Independent Seats	-
Power Seat Adjustment	● Driver Seat
Sunken Rear Seat Folding	-
Driver Seat Overall Adjustment	● Forward / Backward
● Backrest Angle	● Backrest Angle
● Height Adjustment	● Height Adjustment
Driver Seat Partial Adjustment	-
Front Passenger Seat Overall Adjustment	● Forward / Backward
Front Passenger Seat Partial Adjustment	-
Second-row Seat Overall Adjustment	-
Second-row Seat Partial Adjustment	-
Front Seat Functions	-
Second-row Seat Functions	-
Boss Key	-
Front / Rear Armrests	● Front Row
Rear Cup Holders	● Standard
Heated / Cooled Cup Holders	-
Rear Seat Folding Ratio	● 40:60
Second-row Tray Table	-
● Rear Row	● Rear Row
● Front Passenger Seat	-

Smart Connectivity

Center Screen Size (inches)	● 12.8
Center Screen Material	-
Rotatable / Movable Center Screen	● Standard
Satellite Navigation	● Standard
AR Real-view Navigation	-
Navigation Traffic Information Display	● Standard
Map Provider	-
Roadside Assistance	-
Bluetooth / Car Phone	● Standard

Smartphone Connectivity / Mapping	-
Internet of Vehicles	● Standard
4G/5G Network	● 4G
OTA Update	● Standard
Face Recognition	-
Fingerprint Recognition	-
Voiceprint Recognition	-
Emotion Recognition	-
Voice Recognition Control System	● Standard
Wake-up-free Voice Function	● Standard
Zone Voice Wake-up Recognition	● Single-zone
Continuous Voice Recognition	● Standard
Visible-to-speak	-
Voice Assistant Wake Word	Hello Xiaodi
Gesture Control	-
Wi-Fi Hotspot	● Standard

Audio / Entertainment

Multi-finger Screen Transfer Control	-
App Store	● Standard
Multimedia Ports	● USB/Type-C
Number of USB / Type-C Ports	● Front Row2Optional Package Detail
● 2 Rear Ports	● Rear Row2Optional Package Detail
USB / Type-C Max Charging Power	-
In-car TV	-
Rear LCD Screen	-
Simulated Engine Sound	-
Karaoke Function	● Standard
Audio Brand	-
Number of Speakers	● 6
Rear Multimedia Control	-

Lighting Configuration

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 Cleaning	-
Ambient Lighting	● Multi-color
Active Ambient Lighting	-
Lighting Special Features	-
Light Projection Technology	-
Headlight Delayed Off	● Standard
Headlight Rain / Fog Mode	-

Glass / Mirrors

Power Windows	● Front Row
● Rear Row	● Rear Row
One-touch Window Up / Down	● Driver Seat
Anti-pinch Windows	● Standard
Exterior Mirror Functions	● Power Adjustment
● Heating	● Heating
Interior Mirror Functions	-
Vanity Mirrors	● Driver Seat+-Optional Package Detail
Rear Privacy Glass	-
Interior Sunshade	-
Rain-sensing Wipers	-
Rear Wiper	-
Multi-layer Acoustic Glass	-
Heated Windshield	-
Heated Washer Nozzles	-
● Power Folding	● Power Folding
● Passenger Side + No Light	● Passenger Seat+-Optional Package Detail
● Driver Side + No Light	-
● Auto Folding on Lock	-

A/C / Refrigerator

A/C Control Type	● Automatic
Rear Independent A/C	-
Rear Air Vents	● Standard
Multi-zone Temperature Control	● Dual-zone A/C
In-car Air Purifier	-
In-cabin PM2.5 Filter	● Standard
Negative Ion Generator	-
In-car Fragrance System	-
AQS Air Quality Management System	-
Car Refrigerator	-

Car Refrigerator Functions	Optional Package Detail
In-car Intelligent System	● DiLink
Infotainment System RAM (GB)	● 6
Infotainment System Storage (GB)	● 64
Mobile App Remote Control	● Vehicle Monitoring
● Remote Control	● Remote Control
● Charging Management	● Charging Management
● Digital Key	● Digital Key
Heat Pump Management System	-
Number of Exterior Cameras	● 1
Exterior Camera Resolution	-
Interior Camera Resolution	-
Number of Ultrasonic Radars	● 4
Sub-meter High-precision Positioning System	-
High-precision Map	-
Sentry Mode	-
V2X Communication	-
● Service Booking	● Service Appointment
Number of Millimeter-wave Radars	● 1

Optional Packages

Custom Options	-
Optional exterior, interior, wheels and brakes	-

Export Support

FOB, CIF and EXW quotation, real vehicle photos, VIN confirmation, inspection, export documents and shipping coordination are available. Final availability and price must be confirmed before order.