

Vehicle Detail Report

BYD Destroyer 05 2023 DM-i Champion Edition
55KM Luxury type

Basic Information

Brand	BYD
Mileage	27,600 km
Color	Silver-gray
First Registration	2024-03-01
Transfer Count	0

Vehicle Images





Vehicle Condition

1. Deformation. 2. Left headlight, Replaced.

Configuration Information

Model Information

Model Name	BYD Destroyer 05 2023 Champion Edition DM-i 55KM Luxury type
Launch Date	2023.04

Basic parameters

Vehicle Class	compact car
Energy Type	Plug-in Hybrid Electric Vehicle (PHEV)
Maximum Power (kW)	81
Maximum Torque (N·m)	135
Transmission	E-CVT continuously variable transmission
Body Type	Sedan
Engine	1.5L 110 horsepower L4
Dimensions (L×W×H) (mm)	4780*1837*1495

Basic parameters (continued)

Official 0-100 km/h Acceleration (s)	7.9
Top Speed (km/h)	185
Curb Weight (kg)	1515
Maximum Gross Weight (kg)	1890
NEDC Electric Range (km)	55
Slow Charging Time (h)	2.5
Electric Motor (PS)	180
Electricity Consumption in Fuel Equivalent (L/100km)	1.29
WLTC Electric Range (km)	46
Fuel Consumption with Depleted Battery (L/100km)	4.6
WLTP Combined Fuel Consumption (L/100km)	2.17

engine

Engine Model	BYD472QA
Displacement (mL)	1498
Displacement (L)	1.5
Induction Type	Natural aspiration
Cylinder Arrangement	L
Number of Cylinders	4
Valves per Cylinder	4
Compression Ratio	15.5
Valve Train	DOHC
Maximum Power (PS)	110
Max Power Speed (rpm)	6000
Max Torque Speed (rpm)	4500
Maximum net power (kW)	78
Fuel Grade	92.
Fuel Delivery System	Multi-point EFI
Cylinder Head Material	Aluminum alloy
Cylinder Block Material	Aluminum alloy

engine (continued)

Engine layout	Horizontal
Engine-specific technologies	VVT

Electric Motor

Motor Type	Permanent magnet/synchronous
Total Electric Motor Power (kW)	132
Total Electric Motor Torque (N·m)	316
Front Electric Motor Max Power (kW)	132
Front Electric Motor Max Torque (N·m)	316
Number of drive motors	Single motor
Motor Layout	Front-end
Battery Type	Lithium iron phosphate battery
Battery Capacity (kWh)	8.3
Total Electric Motor Power (PS)	180
Battery Cell Brand	Fodi
Battery Cooling System	Liquid cooling
Power consumption per 100 kilometers (kWh/100km)	11.4
Fast charging function	Not supported
Slow charging port location	Rear right side of the car
Previous Motor Brand	BYD
Front motor model	TZ220XYF
Battery unique technology	Blade Battery

Screen/System

Central control color screen	• Touch LCD screen
Infotainment Screen Size	• 12.8 inches
Bluetooth/In-car Phone	•
Voice recognition control system	• Multimedia system; • Navigation; • Telephone; • Air conditioning

Screen/System (continued)

Voice wake-up recognition by region	• Dual Zone
In-vehicle intelligent system	•DiLink
App Store	•
Central control screen type	•LCD
Voice assistant wake-up word	• Hello, Xiao Di
Voice wake-up word-free	•
Continuous speech recognition	•
Rotating large screen	•

Body

Length (mm)	4780
Width (mm)	1837
Height (mm)	1495
Wheelbase (mm)	2718
Front Track (mm)	1580
Rear Track (mm)	1590
Door Opening Type	swing door
Number of Doors	4
Number of Seats	5
Fuel Tank Capacity (L)	48
Trunk volume (L)	-
Drag Coefficient (Cd)	-
Approach Angle (°)	13
Departure Angle (°)	14
Minimum Turning Radius (m)	5.5

Gearbox

Abbreviation	E-CVT continuously variable transmission
Number of Gears	stepless speed change
Transmission Type	Electronic Continuously Variable Transmission (E-CVT)

Chassis steering

Chassis steering (continued)

Drive Type	Front-engine, Front-wheel drive (FF)
Front Suspension Type	MacPherson independent suspension
Rear Suspension Type	Torsion beam non-independent suspension
Power Steering Type	Electric power assistance
Vehicle structure	bearing type

Seat Configuration

Seat Material	Imitation leather
Main seat adjustment	- Front and rear adjustment; - Backrest adjustment; - Height adjustment (2-way)
Co-seat adjustment method	- Front and rear adjustment; - Backrest adjustment
Electric adjustment of driver's seat and passenger seat	-
Front passenger seat rear adjustable buttons	-
Rear seat folding	Proportional down
Front/rear center armrest	Front /Rear-
Rear cup holder	-
Sports style seats	

Active safety

Anti-lock Braking System (ABS)	
Electronic Brakeforce Distribution (EBD/CBC)	
Brake Assist System (EBA/BAS/BA)	
Traction Control System (ASR/TCS/TRC)	
Electronic Stability Control (ESC/ESP/DSC)	
Tire Pressure Monitoring System (TPMS)	Tire pressure display
Seat Belt Reminder	Front row
ISOFIX Child Seat Anchors	
Lane Departure Warning System (LDWS)	-

Active safety (continued)

Autonomous Emergency Braking (AEB)	-
Driver Fatigue Detection	-
Low Speed Alert	•

Air conditioning/refrigerator

Air conditioning temperature control method	• Automatic air conditioning
Rear Independent Climate Control	-
Rear seat air vents	•
Temperature zone control	-
Car air purifier	-
In-cabin PM2.5 Filter	•

Passive safety

Driver/passenger airbag	Main •/Deputy •
Front/rear side airbags	Front •/Rear-
Front/rear head airbags (curtain airbags)	Front •/Rear •

Wheel brake

Front Brake Type	Ventilation disc
Rear Brake Type	Disc
Parking brake type	Electronic Parking
Front Tire Size	225/60 R16
Rear Tire Size	225/60 R16
Spare Tire Size	Tire repair tools

Audio/Interior Lighting

Number of speakers	• 6 speakers
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Driving functions

Navigation traffic information display	•
Lane assist	-
Lane Keeping Assist System	-
Cruise control system	• Cruise control
Satellite navigation system	•

Driving functions (continued)

Map Brand	• Gaud
Parking Assist	-

Exterior lighting

Low beam light source	•LED
High beam light source	•LED
LED daytime running lights	•
Adaptive high and low beam	-
Automatic headlights	•
Height-adjustable headlights	•
Headlight Delay Off	•

Exterior mirrors

Exterior mirror function	• Electric adjustment; • Mirror heating
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Appearance/anti-theft

Rim material	• Aluminum alloy
Electronic engine immobilizer	•
Central locking system in the car	•
Key Type	• Remote key; • Bluetooth key; • NFC/RFID key
Keyless start system	•
Keyless entry function	• Front row
Remote start function	•
Battery preheating	•

Skylight/Glass

Front/rear electric windows	Front •/Rear •
One-touch window lifting function	• Driving position
Window anti-pinch function	•
Car makeup mirror	• COPILOT
Rear wiper	-

Interior and exterior color

Interior and exterior color (continued)

Exterior Color	Time Gray #404954 ink blue #18284C Snow Domain White #FFFFFF Magic Domain Black #000000
Interior Color	Black Beige #000000 #C8C8C8

Steering wheel/interior mirror

Steering Wheel Material	• Cortex
Steering wheel position adjustment	• Manual up and down front and rear adjustment
Multi-function steering wheel	•
Heated Steering Wheel	-
Steering wheel memory	-
Trip computer display screen	• Color
Full LCD instrument panel	-
Interior rearview mirror function	• Manual anti-glare
Gear shifting	• Electronic knob shift
Dashboard screen material	•LCD

Intelligent configuration

Connected Car Services	•
OTA Updates	•
4G/5G Network	•4G
Mobile APP remote function	•
Wi-Fi hotspots	•
Car KTV	•

Driving Control

Driving mode switch	• Sport; • Economy; • Standard/Comfort; • Snow
Automatic parking	•
Hill start assist	•
Energy recovery system	•

Driving Hardware

Front/rear parking radar	Front-/Rear •
Driving Assistance Camera System	• Reversing image

Driving Hardware (continued)

Number of cameras	• 1
Number of ultrasonic radars	• 4

In-car charging

Multimedia/charging port	•USB
Number of USB/Type-C ports	• 2 in the front row/2 in the back row

"●" = Standard equipment

"-" = Not available

"○" = Optional equipment.

Note: These are Chinese market vehicles. Warranty coverage is not available outside of China.