

2015-2025 BYD Tang DM

BYD Tang DM 2022 DM-i 252KMPremium Edition

Selected Trim Overview

Brand	BYD
Model	Tang DM
Trim	BYD Tang DM 2022 DM-i 252KMPremium Edition
Year	2022
Energy	Plug-in Hybrid
Body Type	Mid-size SUV
Drive	Front-engine FWD
RMB Guide Price	RMB 281,800
USD Reference	USD 41,441
Range	252 km
Battery	45.8 kWh
Power	160 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	281,800 RMB
Manufacturer	BYD
Class	Mid-size SUV
Energy Type	Plug-in Hybrid
Launch Time	2022.08
Engine	1.5T 139hp L4 Plug-in Hybrid
MIIT Pure Electric Range (km)	252
WLTC Pure Electric Range (km)	176
CLTC Pure Electric Range (km)	-
MIIT Combined Range (km)	1200
NEDC Combined Range (km)	-
Charging Time	Fast charge 14 min slow charge 6.5 h
Fast Charge SOC (%)	30-80
Engine Max Power (kW)	102(139Ps)
Motor Max Power (kW)	160(218Ps)
Engine Max Torque (N·m)	231
Motor Max Torque (N·m)	325
Transmission	E-CVT-Optional Package Detail
Length x Width x Height (mm)	4870x1950x1725
Body Structure	5-door 7-seatSUV
Top Speed (km/h)	180
Official 0-100 km/h Acceleration (s)	8.5
WLTC Combined Fuel Consumption (L/100 km)	-
Power Consumption (kWh/100 km)	23.5
Electric Energy Equivalent Fuel Consumption (L/100 km)	2.7
WLTC Fuel Consumption at Low SOC (L/100 km)	5.98
NEDC Fuel Consumption at Low SOC (L/100 km)	5.5
Vehicle Warranty	6 yearsOptional Package Detail150,000 km
Estimated 60,000 km Maintenance Cost	8357.0 RMB
NEDC Pure Electric Range (km)	-
Maximum Power (kW)	452
Official 0-50 km/h Acceleration (s)	-
Maximum Torque (N·m)	325
NEDC Combined Fuel Consumption (L/100 km)	5.5
MIIT Fuel Consumption at Low SOC (L/100 km)	7.5

Body

Length (mm)	4870
Width (mm)	1950
Height (mm)	1725
Wheelbase (mm)	2820
Front Track (mm)	1650
Rear Track (mm)	1630
Minimum Ground Clearance (mm)	-
Body Structure	SUV
Number of Doors	5
Door Opening Type	Swing Door
Number of Seats	7
Curb Weight (kg)	2315
Gross Vehicle Weight (kg)	2840
Fuel Tank Capacity (L)	53.0
Trunk / Cargo Volume (L)	235-1655
Minimum Turning Radius	5.9m

Engine

Engine Model	BYD476ZQC
Displacement (mL)	1497
Displacement (L)	1.5
Intake Form	Turbocharged
Engine Layout	Transverse
Cylinder Arrangement	L
Number of Cylinders	4
Valves per Cylinder	4
Compression Ratio	-
Valve Train	DOHC
Maximum Horsepower (Ps)	139
Maximum Power (kW)	102
Maximum Net Power (kW)	-
Max Power RPM	5500
Maximum Torque (N·m)	231
Max Torque RPM	1500-4000
Engine Thermal Efficiency (%)	43.04
Engine Special Technology	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
Dual Variable Valve Timing	-

Electric Motor

Electric Motor Description	Plug-in Hybrid 218hp
Motor Type	Permanent Magnet / Synchronous
Total Motor Power (kW)	160
Total Motor Horsepower (Ps)	218
Total Motor Torque (N·m)	325
Front Motor Max Power (kW)	160
Front Motor Max Torque (N·m)	325
Number of Drive Motors	-
Single Motor	-
Motor Layout	Front-mounted
Rear Motor Max Power (kW)	200
Rear Motor Max Torque (N·m)	350
System Combined Power (kW)	452
Dual Motors	-
System Combined Torque (N·m)	650

Battery / Charging

Battery Type	-
Battery Type	-
Battery Technology	-
Battery Technology	-
Cell Brand	BYD
Battery Pack Warranty	-
Lifetime warranty for the first owner (subject to official liability exemption terms)	-
Battery Capacity (kWh)	45.8
Battery Energy Density (Wh/kg)	-
Battery Charging Rate	-
Battery Charging	Fast charge 14 min slow charge 6.5 h
● Fast Charging Port	● Fast charge Optional Package Detail
Maximum Fast Charging Power (kW)	90
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	● Standard
VTOL Mobile Power Station Function	● Standard
VTOL Max External Discharge Power	6 kW
VTOV Max External Discharge Power	-
Ternary Lithium Battery	-

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	Multi-link Independent Suspension
Steering Type	Electric Power Steering
Vehicle Body Structure	Unibody
4WD Type	Electric AWD
Dual MotorsAWD	-

Wheels / Brakes

Front Brake Type	Ventilated Disc
Rear Brake Type	Solid Disc
Parking Brake Type	Electronic Parking Brake
Front Tire Size	255/50 R20
Rear Tire Size	255/50 R20
Spare Tire Size	-
Spare Tire Placement	-

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
● Forward Collision Warning	● Forward Collision Warning
● Rear Collision Warning	● Rear Collision Warning
● Rear Cross Traffic Alert	-

● Door Open Warning	● Door Open Warning
● Front Cross Traffic Alert	-
● Front Cross Traffic Braking	-
Automatic Emergency Braking	● Standard
Lane Change Assist / Blind Spot Assist	● Standard
Lane Keeping Assist	● Standard
Lane Centering	● Standard
Driver Fatigue Warning	● Standard
Active DMS Fatigue Detection	● Standard
In-cabin Vital Sign Detection	-
Traffic Sign Recognition	● Standard
Traffic Light Recognition	-
Night Vision System	-
○ Rear Cross Traffic Alert	-

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
● Rear	● Rear
Front Vehicle Departure Reminder	-
Narrow Road Assist	-
Driver Assistance Camera System	● Rear View Camera
● 360° Panoramic Camera	● 360-degree Panoramic View
● Transparent Chassis View	● Transparent Chassis View
Cruise Control System	● Cruise Control
● Adaptive Cruise Control	● Adaptive Cruise Control
● Full-speed Adaptive Cruise Control	● Optional Package Detail Adaptive Cruise Control
Automatic Lane Change Assist	● Standard
Automatic Ramp Entry / Exit	-

Navigation Assisted Driving	-
● City Navigation Assist	-
Driver Assistance Level	● L2
Automatic Parking Assist	● Standard
Tracking Reverse Assist	-
Memory Parking	-
Automated Valet Parking	-
Auto Hold	● Standard
Hill-start Assist (HAC)	● Standard
Hill Descent Control (HDC)	● Standard
Engine Start-stop System	-
Variable Suspension Adjustment	● Soft / Firm
Air Suspension	-
Air Suspension Type	-
Electromagnetic Suspension	-
Variable Steering Ratio System	-
Front Axle Limited-slip Type	-
Rear Axle Limited-slip Type	● Optional Package Detail
Center Differential Lock	-
Low-speed 4WD	-
Integral Active Steering	-
Drive Mode Selection	● Sport
● Snow	● Snow
● ECO / Economy	● ECO
● Standard / Comfort	● Standard / Comfort
Brake Energy Regeneration	● Standard
Comfort Braking	-
Low-speed Pedestrian Warning Sound	● Standard
● Off-road	● Off-road
● Side Blind Spot Camera	-
○ L2 Level	-
○ Adaptive Cruise Control	-

Exterior Configuration

Sunroof Type	● Openable Panoramic Sunroof
Smart Dimming Canopy	-
Roof Rack	● Standard
Sport Appearance Package	-
Electric Spoiler	-
Active Closed Front Grille	-
Alloy Wheels	● Standard

Side Step	-
Frameless Doors	-
Hidden Door Handles	-
Tow Hook	-
<input checked="" type="radio"/> Openable Panoramic Sunroof	-

Interior Configuration

Steering Wheel Material	<input checked="" type="radio"/> Leather
Steering Wheel Adjustment	<input checked="" type="radio"/> Tilt + Telescopic
Electric Steering Wheel Adjustment	<input checked="" type="radio"/> Standard
Steering Wheel Functions	<input checked="" type="radio"/> Multi-function Controls
<input checked="" type="radio"/> Heating	-
Gear Shift Type	-
Instrument Cluster Type	<input checked="" type="radio"/> Full LCD
Instrument Cluster Size (inches)	<input checked="" type="radio"/> 5
<input checked="" type="radio"/> Memory	<input checked="" type="radio"/> Memory
<input type="radio"/> Memory	-
<input checked="" type="radio"/> Full LCD	-

Comfort / Anti-theft

Soft-close Doors	-
Power Tailgate	<input checked="" type="radio"/> Standard
Hands-free Tailgate	<input checked="" type="radio"/> Standard
Power Tailgate Position Memory	<input checked="" type="radio"/> Standard
Engine Immobilizer	<input checked="" type="radio"/> Standard
Central Locking	<input checked="" type="radio"/> Standard
Remote Key Type	<input checked="" type="radio"/> Smart Remote Key
<input checked="" type="radio"/> Phone Bluetooth Key	<input checked="" type="radio"/> Mobile Bluetooth Key
<input checked="" type="radio"/> NFC/RFID Key	<input checked="" type="radio"/> NFC / RFID Key
Keyless Entry	<input checked="" type="radio"/> Front Row
Keyless Start	<input checked="" type="radio"/> Standard
Remote Start	<input checked="" type="radio"/> Standard
Remote Vehicle Movement	<input checked="" type="radio"/> Standard
Vehicle Summon	-
Head-up Display (HUD)	<input checked="" type="radio"/> Standard
Built-in Dashcam	<input checked="" type="radio"/> Standard
Factory ETC	-
Active Noise Cancellation	-
Wireless Phone Charging	<input checked="" type="radio"/> Standard
Max Wireless Charging Power (W)	15
110V/220V/230V Power Outlet	<input checked="" type="radio"/> Standard

Cargo Area 12V Power Outlet	● Standard
------------------------------------	------------

Seat Configuration

Seat Material	● Genuine Leather
Sport Style Seats	-
Seat Layout	<input type="radio"/> 2+2+2
Second-row Independent Seats	<input type="radio"/> Optional
Third-row Seats	● 2 seats
Power Seat Adjustment	● Driver Seat
● Front Passenger Seat	● Passenger Seat
Sunken Rear Seat Folding	-
Driver Seat Overall Adjustment	● Forward / Backward
● Backrest Angle	● Backrest Angle
● Height Adjustment	● Height Adjustment
Driver Seat Partial Adjustment	● Headrest
● Lumbar	● Lumbar
Front Passenger Seat Overall Adjustment	● Forward / Backward
Front Passenger Seat Partial Adjustment	● Headrest
Second-row Seat Overall Adjustment	● Forward / Backward
● Backrest Angle Adjustment	● Backrest Angle Adjustment
Second-row Seat Partial Adjustment	<input type="radio"/> Lumbar
Front Seat Functions	● Heating
● Ventilation	● Ventilation
● Massage	-
Second-row Seat Functions	<input type="radio"/> Heating
Third-row Seat Functions	-
Boss Key	-
Front / Rear Armrests	● Front Row
● Rear Row	● Rear Row
Rear Cup Holders	● Standard
Heated / Cooled Cup Holders	-
Rear Seat Folding Ratio	● 50:50
Power Rear Seat Folding	-
Second-row Tray Table	-
● Memory (Driver Seat)	● Memory(Optional Package Detail)
Seat Leather Style	<input type="radio"/> NappaGenuine Leather
● 2+3+2	● 2+3+2
<input type="radio"/> Second Row	<input type="radio"/> Second Row
● Leg Rest	-
● Genuine Leather	-

Smart Connectivity

Center Screen Size (inches)	● 15.6
Center Screen Material	-
Satellite Navigation	● Standard
AR Real-view Navigation	-
Navigation Traffic Information Display	● Standard
Map Provider	-
Roadside Assistance	● Standard
Bluetooth / Car Phone	● Standard
Smartphone Connectivity / Mapping	-
● HUAWEI HiCar	-
● Carlink	-
Internet of Vehicles	● Standard
4G/5G Network	● 5G
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	● Four-zone
Continuous Voice Recognition	● Standard
Visible-to-speak	● Standard
Voice Assistant Wake Word	Hello Xiaodi
Gesture Control	-
Wi-Fi Hotspot	● Standard
Rotatable / Movable Center Screen	● Standard
● 14.6	-

Audio / Entertainment

Multi-finger Screen Transfer Control	-
App Store	● Standard
Multimedia Ports	● SDOptional Package Detail
● USB/Type-C	● 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	Front Row10W
In-car TV	-
Rear LCD Screen	-

Simulated Engine Sound	-
Karaoke Function	● Standard
Audio Brand	● Dynaudio
Number of Speakers	● 12
Amplifier Max Output Power (W)	-
Rear Multimedia Control	-
Rear 60W	Rear Row60W
● SDOptional Package Detail	-

Lighting Configuration

Low Beam	● LED
High Beam	● LED
Daytime Running Lights	● Standard
Adaptive High / Low Beam	● Standard
Automatic Headlights	● Standard
Cornering Lights	● Standard
Front Fog Lights	-
Adaptive Front-lighting System (AFS)	-
Headlight Height Adjustment	● Standard
Headlight Cleaning	-
Ambient Lighting	● 31Optional Package Detail
Active Ambient Lighting	-
Lighting Special Features	● Optional Package Detail
Light Projection Technology	-
Headlight Delayed Off	● Standard
Headlight Rain / Fog Mode	● Standard

Glass / Mirrors

Power Windows	● Front Row
● Rear Row	● Rear Row
One-touch Window Up / Down	● All Doors
Anti-pinch Windows	● Standard
Exterior Mirror Functions	● Power Adjustment
● Heating	● Heating
● Power Folding	● Power Folding
● Auto Tilt-down in Reverse	-
● Auto Folding on Lock	● Optional Package DetailAutomaticOptional Package Detail
Interior Mirror Functions	● AutomaticOptional Package Detail
Vanity Mirrors	● Driver Seat+Optional Package Detail
● Passenger Side + Light	● Passenger Seat+Optional Package Detail
Rear Privacy Glass	● Standard

Interior Sunshade	-
Rain-sensing Wipers	● Standard
Rear Wiper	● Standard
Opening Rear Window	-
Multi-layer Acoustic Glass	● Front Row
Heated Windshield	-
Heated Washer Nozzles	-
● Memory	● Memory
● Driver Side + Light	-

A/C / Refrigerator

A/C Control Type	● Automatic
Rear Independent A/C	● Standard
Rear Air Vents	● Standard
Multi-zone Temperature Control	● Dual-zone A/C
In-car Air Purifier	● Standard
In-cabin PM2.5 Filter	● Standard
Negative Ion Generator	● Standard
In-car Fragrance System	● Standard
AQS Air Quality Management System	-
Car Refrigerator	-
Car Refrigerator Functions	-
Mobile App Remote Control	-
Heat Pump Management System	-
Exterior Camera Resolution	-
Interior Camera Resolution	-
Sub-meter High-precision Positioning System	-
High-precision Map	-
Sentry Mode	-
V2X Communication	-
OptionalOptional Package Detail	-
22Optional Package Detaildynamic wheels,22Optional Package Detailhigh-performance Continental tires	-
BYDOptional Package Detail, VTOLOptional Package Detail, VTOL 220VOptional Package Detail (Limited-time upgrade, Optional Package DetailBYDOptional Package Detail)	-
BYDOptional Package Detail, VTOLOptional Package Detail	-
BYDOptional Package Detail, VTOLOptional Package Detail (Optional Package Detail, Optional Package DetailBYDOptional Package Detail)	-
Optional Package Detail-Optional Package Detail	-

BremboOptional Package DetailSystem (Optional Package DetailVentilationOptional Package Detail)	-
Brembo®Optional Package DetailSystem (Optional Package DetailVentilationOptional Package Detail)Optional Package Detail, Optional Package DetailBYDOptional Package Detail	-
Brembo®Optional Package DetailSystem (Optional Package DetailVentilationOptional Package Detail); Optional Package Detail, Optional Package DetailBYDOptional Package Detail	-
Optional Package DetailPad	-
Racing-grade High-performance Equipment	-
Blackout Package	-
Optional Package Detail,Optional Package Detail,Optional Package Detail,Optional Package DetailMirror	-

Smart Features

Driver Assistance OS	● DiPilot
Driver Assistance Chip	-
Driver Assistance Chip Computing Power (TOPS)	-
In-car Intelligent System	● DiLink
In-car Intelligent Chip	-
Infotainment System RAM (GB)	● 8
Infotainment System Storage (GB)	● 128
Mobile App Remote Control	● Digital Key
● Vehicle Monitoring	● Vehicle Monitoring
● Remote Control	● Remote Control
● Charging Management	● Charging Management
● Service Booking	● Service Appointment
Heat Pump Management System	● Standard
Number of Exterior Cameras	● 6
Exterior Camera Resolution	-
Number of Interior Cameras	● 1
Interior Camera Resolution	-
Number of Ultrasonic Radars	● 8
Number of Millimeter-wave Radars	● 5
Number of LiDAR Sensors	-
Sub-meter High-precision Positioning System	-
High-precision Map	-
Sentry Mode	● Standard
V2X Communication	-
Maximum Forward Detection Distance (m)	● 160

Optional Packages

Custom Options	-
Optional exterior, interior, wheels and brakes	Optional Package Detail seatsOptional Package Detail
Optional exterior, interior, wheels and brakes 1Optional Package DetailOptionalOptional Package Detail	-
High-performance China Red 4-piston Front Calipers	-
Special Features	<input checked="" type="radio"/> Standard

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.