

2015-2025 BYD Tang DM

BYD Tang DM 2021 DM-i 1.5T 52 km Luxury

Selected Trim Overview

Brand	BYD
Model	Tang DM
Trim	BYD Tang DM 2021 DM-i 1.5T 52 km Luxury
Year	2021
Energy	Plug-in Hybrid
Body Type	Mid-size SUV
Drive	Front-engine FWD
RMB Guide Price	RMB 195,800
USD Reference	USD 28,794
Range	52 km
Battery	9.98 kWh
Power	145 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	195,800 RMB
Manufacturer	BYD
Class	Mid-size SUV
Energy Type	Plug-in Hybrid
Launch Time	2021.04
Engine	1.5T 139hp L4 Plug-in Hybrid
MIIT Pure Electric Range (km)	52
WLTC Pure Electric Range (km)	-
CLTC Pure Electric Range (km)	-
MIIT Combined Range (km)	-
NEDC Combined Range (km)	-
Charging Time	Fast charge 30 min slow charge 3 h
Fast Charge SOC (%)	30-80
Engine Max Power (kW)	102(139Ps)
Motor Max Power (kW)	145(197Ps)
Engine Max Torque (N·m)	231
Motor Max Torque (N·m)	316
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)	8.7
WLTC Combined Fuel Consumption (L/100 km)	-
Power Consumption (kWh/100 km)	17.2
Electric Energy Equivalent Fuel Consumption (L/100 km)	2
WLTC Fuel Consumption at Low SOC (L/100 km)	-
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	7849.0 RMB
NEDC Pure Electric Range (km)	-
Maximum Power (kW)	431
Official 0-50 km/h Acceleration (s)	-
Maximum Torque (N·m)	316
NEDC Combined Fuel Consumption (L/100 km)	5.3
MIIT Fuel Consumption at Low SOC (L/100 km)	-

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)	2010
Gross Vehicle Weight (kg)	2615
Fuel Tank Capacity (L)	53.0
Trunk / Cargo Volume (L)	235-1655
Minimum Turning Radius	5.9m

Engine

Engine Model	BYD487ZQB
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	-
Maximum Torque (N·m)	231
Max Torque RPM	-
Engine Thermal Efficiency (%)	43.04
Engine Special Technology	DVVT
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 197hp
Motor Type	Permanent Magnet / Synchronous
Total Motor Power (kW)	145
Total Motor Horsepower (Ps)	197
Total Motor Torque (N·m)	316
Front Motor Max Power (kW)	145
Front Motor Max Torque (N·m)	316
Number of Drive Motors	-
Single Motor	-
Motor Layout	Front-mounted
Rear Motor Max Power (kW)	180
Rear Motor Max Torque (N·m)	330
System Combined Power (kW)	431
Dual Motors	-
System Combined Torque (N·m)	-

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)	9.98
Battery Energy Density (Wh/kg)	-
Battery Charging Rate	-
Battery Charging	Fast charge 30 min slow charge 3 h
● Fast Charging Port	-
Maximum Fast Charging Power (kW)	25
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	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	245/45 R20
Rear Tire Size	245/45 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 Cross Traffic Warning
● Rear Cross Traffic Alert	-

● 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	-
Active DMS Fatigue Detection	-
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	-
Automatic Ramp Entry / Exit	-

Navigation Assisted Driving	-
● City Navigation Assist	-
Driver Assistance Level	● L2
Automatic Parking Assist	-
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	-
Center Differential Lock	-
Low-speed 4WD	-
Integral Active Steering	-
Drive Mode Selection	● Sport
● Snow	● Snow
● ECO / Economy	● ECO
● 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	-
● Openable Panoramic Sunroof	-

Interior Configuration

Steering Wheel Material	● Leather
Steering Wheel Adjustment	● Tilt + Telescopic
Electric Steering Wheel Adjustment	-
Steering Wheel Functions	● Multi-function Controls
● Heating	-
Gear Shift Type	-
Instrument Cluster Type	● Optional Package DetailFull LCD
Instrument Cluster Size (inches)	● 12.3
● Memory	-
○ Memory	-
● Full LCD	-

Comfort / Anti-theft

Soft-close Doors	-
Power Tailgate	● Standard
Hands-free Tailgate	● Standard
Power Tailgate Position Memory	● Standard
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
Factory ETC	-
Active Noise Cancellation	-
Wireless Phone Charging	● Standard
Max Wireless Charging Power (W)	15
110V/220V/230V Power Outlet	● Standard

Cargo Area 12V Power Outlet	<input checked="" type="radio"/> Standard
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Seat Configuration

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

Smart Connectivity

Center Screen Size (inches)	● 12.8
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	● 4G
OTA Update	● Standard
Face Recognition	-
Fingerprint Recognition	-
Voiceprint Recognition	-
Emotion Recognition	-
Voice Recognition Control System	● Standard
Wake-up-free Voice Function	-
Zone Voice Wake-up Recognition	● Single-zone
Continuous Voice Recognition	-
Visible-to-speak	-
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	-
Number of Speakers	● 9
Amplifier Max Output Power (W)	-
Rear Multimedia Control	-
Rear 60W	Rear Row10W
● 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	-
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	● Optional Package DetailAutomaticOptional Package Detail
● 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	-
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	-
Number of Exterior Cameras	● 6
Exterior Camera Resolution	-
Number of Interior Cameras	● 2
Interior Camera Resolution	-
Number of Ultrasonic Radars	● 8
Number of Millimeter-wave Radars	● 1
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	<input type="radio"/> Optional
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.