

EBU AUTO

BYD Tang L EV 2025 600KM AWD LiDAR Flagship - Complete Specification Sheet



Basic Information

Parameter	Tang L EV 2025 600KM AWD LiDAR Flagship
Official RMB Guide Price	RMB 289,800
Brand	BYD
Vehicle Class	Mid-to-large SUV
Energy Type	Pure Electric / EV
Launch Time	2025.04
Electric Motor Description	Pure Electric 1102hp
CLTC Pure Electric Range (km)	600
High Voltage Fast Charging Platform	● 1000V
High Voltage Fast Charging Platform 1000	● 1000V
Charging Time	DC Fast Charge: 6 min; AC Slow Charge: 14.36 h
Fast Charge Range (%)	10-70
Maximum Power (kW)	810(1102Ps)
Maximum Torque (N·m)	860
Transmission Description	Single-speed EV Transmission
Length × Width × Height (mm)	5040x1996x1760
Body Style	5-door 7-seat SUV
Top Speed (km/h)	265
Official 0-100 km/h Acceleration (s)	3.9
Power Consumption (kWh/100 km)	19.1
Energy-equivalent Fuel Consumption (L/100 km)	2.22

Parameter	Tang L EV 2025 600KM AWD LiDAR Flagship
Vehicle Warranty	6 years or 150,000 km

Body

Parameter	Tang L EV 2025 600KM AWD LiDAR Flagship
Length	5040
Width	1996
Height	1760
Wheelbase	2950
Front Track	1716
Rear Track	1730
Min Clearance	-
Body Style	SUV
Number of Doors	5
Door Type	Conventional Doors
Number of Seats	7
Curb Weight (kg)	2882
Gross Vehicle Weight (kg)	3487
Front Baggage Volume	136
Luggage Compartment Volume (L)	1960
Minimum Turning Radius (m)	5.8m

Electric Motor

Parameter	Tang L EV 2025 600KM AWD LiDAR Flagship
Electric Motor Description	Pure Electric 1102hp
Motor Type	Front AC / Asynchronous; Rear Permanent Magnet / Synchronous
Total Motor Power (kW)	810
Front Motor Power (Ps)	1102
Total Motor Torque (N·m)	860
Front Motor Maximum Power (kW)	230
Front Motor Maximum Torque (N·m)	410
Rear Motor Maximum Power (kW)	580
Rear Motor Maximum Torque (N·m)	450
Number of Drive Motors	Dual Motor
Motor Layout	Front + Rear

Battery / Charging

Parameter	Tang L EV 2025 600KM AWD LiDAR Flagship
Battery Type	Lithium Iron Phosphate (LFP) Battery
Battery Technology	Blade Battery
Battery Manufacturer	FinDreams
Battery Warranty	Lifetime warranty for first owner (subject to official exclusions)
Battery Capacity (kWh)	100.53
Battery Energy Density (Wh/kg)	-

Parameter	Tang L EV 2025 600KM AWD LiDAR Flagship
Battery Charging Rate	● 8.4C
Battery Charging Rate 8.4	● 8.4C
Charging Support	DC Fast Charge: 6 min; AC Slow Charge: 14.36 h; ● DC Fast-charging Port
Charging Time	DC Fast Charge: 6 min; AC Slow Charge: 14.36 h
DC Fast-charging Port	● DC Fast-charging Port
Maximum DC Fast-charging Power (kW)	1000
DC Charging Port Position	Left-side Charging-port Position; Right-side Fuel Filler Position
Quick Charge Position V5 4	Left-side Charging-port Position
DC Charging Port Position - Right-side Fuel Filler	Right-side Fuel Filler Position
AC Charging Port Position	Right-side Fuel Filler Position
AC Charging Port Position - Right-side Fuel Filler	Right-side Fuel Filler Position
Battery Thermal Management - Heating	● Standard
Battery Thermal Management - Cooling	Direct Cooling
One-pedal Mode	-
VTOL External Discharge	● Standard
Maximum External Discharge Power (kW)	6kW
V-to-V Maximum External Discharge Power (kW)	-

Transmission

Parameter	Tang L EV 2025 600KM AWD LiDAR Flagship
Transmission Description	Single-speed EV Transmission
Number of Gears	1
Transmission Type	Single-speed Fixed-ratio Transmission

Chassis / Steering

Parameter	Tang L EV 2025 600KM AWD LiDAR Flagship
Drive Type	Dual-motor AWD
Fourwheel Drive Type	Electric AWD
Front Suspension	Double Wishbone Independent Suspension
Rear Suspension	Multi-link Independent Suspension
Steering Assistance	Electric Power Steering
Body Construction	Unibody

Wheels / Brakes

Parameter	Tang L EV 2025 600KM AWD LiDAR Flagship
Front Brake Type	Ventilated Disc
Rear Brake Type	Ventilated Disc
Parking Brake Type	Electronic Parking Brake
Front Tire Size	265/45 R21
Rear Tire Size	265/45 R21
Spare Tire	-
Spare Tire Placement	-
Active Safety	-

Parameter	Tang L EV 2025 600KM AWD LiDAR Flagship
ABS	● Standard
Electronic Brakeforce Distribution	● Standard
Brake Assist	● Standard
Traction Control	● Standard
Electronic Stability Control	● Standard
Active Safety Warning Systems	● Lane Departure Warning; ● Front Collision Warning; ● Rear Collision Warning; ● Rear Cross Traffic Alert; ● Door Opening Warning; ● Front Cross Traffic Alert; ● Front Cross Traffic Braking
Lane Departure Warning	● Lane Departure Warning
Front Collision Warning	● Front Collision Warning
Rear Collision Warning	● Rear Collision Warning
Rear Cross Traffic Alert	● Rear Cross Traffic Alert
Door Opening Warning	● Door Opening Warning
Front Cross Traffic Alert	● Front Cross Traffic Alert
Front Cross Traffic Braking	● Front Cross Traffic Braking
Autonomous Emergency Braking	● Standard
Lane Change Assist	● Standard
Lane Keeping Assist	● Standard
Lane Centering	● Standard
Driver Fatigue Warning	● Standard
Active Driver Monitoring	● Standard
In-cabin Vital Sign Detection	-
Traffic Sign Recognition	● Standard
Traffic Light Recognition	● Standard
Night Vision	-
Passive Safety	-
Front Airbags	● Driver; ● Front Passenger
Driver Airbag	● Driver
Front Passenger Airbag	● Front Passenger
Side Airbags	● Front; ● Rear
Front Side Airbags	● Front
Rear Side Airbags	● Rear
Side Curtain Airbags	● Standard
Front Knee Airbags	-
Center Airbag	● Front
Front Center Airbag	● Front
Seat Belt Reminder	● Standard
Tire Pressure Monitoring	Tire Pressure Display
ISOFIX Child Seat Anchors	● Standard
Passive Pedestrian Protection	-
Run-flat Tires	-
Driver Assistance / Controls	-
Parking Sensors	● Front; ● Rear
Front Parking Sensors	● Front
Rear Parking Sensors	● Rear
Front Vehicle Departure Alert	● Standard
Narrow Road Assist	● Standard

Parameter	Tang L EV 2025 600KM AWD LiDAR Flagship
Parking / Driving Camera	● Reversing Camera; ● 360° Panoramic Camera; ● Transparent Chassis View
Reversing Camera	● Reversing Camera
360° Panoramic Camera	● 360° Panoramic Camera
Transparent Chassis View	● Transparent Chassis View
Cruise Control Systems	● Cruise Control; ● Adaptive Cruise Control; ● Full-speed Adaptive Cruise Control
Cruise Control	● Cruise Control
Adaptive Cruise Control	● Adaptive Cruise Control
Full-speed Adaptive Cruise Control	● Full-speed Adaptive Cruise Control
Automatic Lane Change Assist	● Standard
Automatic Ramp Entry / Exit	● Standard
Navigation-assisted Driving	● City Navigation Assist; ● Highway Navigation Assist
City Navigation Assist	● City Navigation Assist
Highway Navigation Assist	● Highway Navigation Assist
Driving Assistance Level	Level 2
Automatic Parking	● Standard
Track-back Reversing	-
Memory Parking	-
Automated Valet Parking	● Standard
Auto Hold	● Standard
Hill-start Assist	● Standard
Hill Descent Control	● Standard
Adjustable Suspension	Damping Stiffness
Air Suspension	-
Air Suspension Type	-
Electromagnetic Suspension	-
Variable Steering Ratio	-
Front Axle Limited-slip Type	-
Rear Axle Limited-slip Type	-
Center Differential Lock	-
Four Wd Low	-
Integral Active Steering	-
Drive Modes	● Sport; ● Snow; ● Individual; ● ECO; ● Standard / Comfort
Sport Mode	● Sport
Snow Mode	● Snow
Drive Mode 6	● Individual
ECO Mode	● ECO
Standard / Comfort Mode	● Standard / Comfort
Regenerative Braking	● Standard
Comfort Braking	● Standard
Low-speed Pedestrian Warning Sound	● Standard
Exterior Features	-
Sunroof Type	● Panoramic Canopy
Panoramic Roof Sunshade	● Standard
Electrochromic Panoramic Roof	-
Roof Rails	● Standard

Parameter	Tang L EV 2025 600KM AWD LiDAR Flagship
Sport Appearance Package	-
Power Spoiler	-
Active Grille Shutters	● Standard
Alloy Wheels	● Standard
Side Step	-
Frameless Doors	-
Hidden Door Handles	● Standard
Tow Hook	-
Interior Features	-
Steering Wheel Material	● Leather
Leather Steering Wheel	● Leather
Steering Wheel Adjustment	Tilt + Telescopic
Power Steering Wheel Adjustment	-
Steering Wheel Functions	● Multifunction Controls; ● Heating
Multifunction Steering Wheel	● Multifunction Controls
Steering Wheel Heating	● Heating
Gear Selector Type	● Electronic Column Shifter
Electronic Column Shifter	● Electronic Column Shifter
Instrument Cluster Type	Full LCD
Instrument Display Size (in)	● 10.25
Lcd Dashboard Size 10.25	● 10.25
Comfort / Anti-theft	-
Power Doors	-
Power Tailgate	● Standard
Hands-free Tailgate	-
Power Tailgate Position Memory	● Standard
Central Locking	● Standard
Key Types	● Smart Remote Key; ● Bluetooth Phone Key; ● NFC / RFID Key
Smart Remote Key	● Smart Remote Key
Bluetooth Phone Key	● Bluetooth Phone Key
NFC / RFID Key	● NFC / RFID Key
Keyless Entry	Front
Keyless Start	● Standard
Remote Start	● Standard
Remote Vehicle Movement	● Standard
Remote Summon	-
Head-up Display	● Standard
HUD Projection Size (inches)	● 26
26-inch HUD Projection	● 26
Built-in Dashcam	● Standard
Factory ETC	● Standard
Active Noise Cancellation	-
Wireless Phone Charging	● Standard
Maximum Wireless Charging Power (W)	50
50 W Wireless Charging	50

Parameter	Tang L EV 2025 600KM AWD LiDAR Flagship
Power Outlets	-
12 V Luggage Compartment Outlet	● Standard
Seats	-
Seat Upholstery	Genuine Leather
Sport Seats	-
Seat Layout	● 2+3+2
Layout Seat 8	● 2+3+2
Second-row Independent Seats	-
Third-row Seats	● 2 seats
Power Seat Adjustment	● Driver; ● Front Passenger
Driver Seat Adjustment	● Driver
Front Passenger Seat Adjustment	● Front Passenger
Foldable Third-row Seats	-
Driver Seat Overall Adjustment	● Fore/Aft Adjustment; ● Backrest Angle; ● Height Adjustment
Driver Seat Fore/aft Adjustment	● Fore/Aft Adjustment
Driver Seat Backrest Adjustment	● Backrest Angle
Driver Seat Height Adjustment	● Height Adjustment
Driver Seat Partial Adjustment	● Headrest; ● Lumbar Support; ● Leg Rest
Driver Headrest Adjustment	● Headrest
Driver Lumbar Adjustment	● Lumbar Support
Main Drive Leg Adjustment	● Leg Rest
Front Passenger Seat Overall Adjustment	● Fore/Aft Adjustment; ● Height Adjustment; ● Backrest Angle
Front Passenger Seat Fore/aft Adjustment	● Fore/Aft Adjustment
Vice Drive Height Adjustment	● Height Adjustment
Front Passenger Seat Backrest Adjustment	● Backrest Angle
Front Passenger Seat Partial Adjustment	● Headrest; ● Lumbar Support; ● Leg Rest
Front Passenger Headrest Adjustment	● Headrest
Front Passenger Lumbar Adjustment	● Lumbar Support
Vice Drive Leg Adjustment	● Leg Rest
Second-row Seat Overall Adjustment	● Fore/Aft Adjustment; ● Backrest Angle Adjustment
Second-row Fore/Aft Adjustment	● Fore/Aft Adjustment
Second-row Backrest Adjustment	● Backrest Angle Adjustment
Second-row Seat Adjustment	-
Front Seat Functions	● Heating; ● Ventilation; ● Massage; ● Memory (Driver)
Front Seat Heating	● Heating
Front Seat Ventilation	● Ventilation
Front Seat Massage	● Massage
Front Seat Memory 2	● Memory (Driver)
Second-row Seat Functions	● Heating; ● Ventilation; ● Massage
Second-row Seat Heating	● Heating
Second-row Seat Ventilation	● Ventilation
Second-row Seat Massage	● Massage
Third-row Seat Functions	-
Rear Passenger-adjustable Front Passenger Seat	● Standard
Center Armrests	● Front; ● Rear

Parameter	Tang L EV 2025 600KM AWD LiDAR Flagship
Front Center Armrest	● Front
Rear Center Armrest	● Rear
Rear Cup Holders	● Standard
Heated / Cooled Cup Holder	-
Front Seats Flattened	● Standard
Second-row Seat Folding	50:50
Power-folding Rear Seats	-
Second-row Tray Table	-
Smart Connectivity	-
Center Display Size (in)	15.6
Center Screen Material	● LCD
LCD Center Screen	● LCD
GPS Navigation	● Standard
AR Navigation	-
Navigation System	● Standard
Map Provider	● Amap
Amap	● Amap
Location Services	● Standard
Bluetooth / Hands-free Calling	● Standard
Phone Integration	● HUAWEI HiCar; ● Carlink; ● HONOR Connect
HUAWEI HiCar	● HUAWEI HiCar
Mobile System 11	● Carlink
Mobile System 13	● HONOR Connect
Connected Car Services	● Standard
Mobile Data Network	● 5G
4G Network	● 5G
OTA Updates	● Standard
Facial Recognition	● Standard
Fingerprint Recognition	-
Voiceprint Recognition	-
Emotion Recognition	-
Voice Recognition System	● Standard
Wake-word-free Voice Control	● Standard
Voice Wake-up Zones	● Four-zone
Four-zone Voice Recognition	● Four-zone
Voice Control Functions	● Standard
Visible-to-speak	● Standard
Voice Wake-up Phrase	Hello Xiaodi
Gesture Control	-
Wi-Fi	● Standard
Infotainment	-
Multi-finger Screen Gestures	-
App Store	● Standard
Media Interfaces	● SD Card Slot; ● USB / Type-C
SD Card Slot	● SD Card Slot

Parameter	Tang L EV 2025 600KM AWD LiDAR Flagship
USB / Type-C	● USB / Type-C
USB / Type-C Port Count	● 2 Front; ● 2 Rear
Front USB / Type-C Port Count	● 2 Front
Rear USB / Type-C Port Count	● 2 Rear
Maximum USB / Type-C Charging Power	-
In-car TV	-
Rear Display	-
External Sound Simulation	-
Karaoke Function	● Standard
Audio Brand	-
Speaker Count	21
Ceiling Sound Channels	● Standard
Rear Touch Control	-
Lighting	-
Low-beam Headlight Type	LED
High-beam Headlight Type	LED
Daytime Running Lights	● Standard
Adaptive High / Low Beam	● Standard
Automatic Headlights	● Standard
Cornering Lights	● Standard
Front Fog Lights	-
Steering-responsive Headlights	-
Headlight Height Adjustment	● Standard
Headlight Washers	-
Interior Ambient Lighting	Multi-color
Active Ambient Lighting	● Standard
Active Ambient Lighting - Standard	● Standard
Special Lighting Functions	-
Light Projection Technology	-
Follow-me-home Headlights	● Standard
Rain / Fog Headlight Mode	-
Glass / Mirrors	-
Power Windows	● Front; ● Rear
Front Power Windows	● Front
Rear Power Windows	● Rear
One-touch Window Operation	All Windows
Anti-pinch Windows	● Standard
Exterior Mirror Functions	● Power Adjustment; ● Heating; ● Power Folding; ● Memory; ● Reverse Auto-tilt; ● Auto-fold on Lock
Power-adjustable Exterior Mirrors	● Power Adjustment
Heated Exterior Mirrors	● Heating
Power-folding Exterior Mirrors	● Power Folding
Exterior Mirror Memory	● Memory
Reverse Auto-tilt Exterior Mirrors	● Reverse Auto-tilt
Auto-folding Mirrors on Lock	● Auto-fold on Lock
Interior Mirror Functions	● Auto-dimming

Parameter	Tang L EV 2025 600KM AWD LiDAR Flagship
Auto-dimming Interior Mirror	● Auto-dimming
Vanity Mirrors	● Driver Vanity Mirror with Light; ● Front Passenger Vanity Mirror with Light
Driver Vanity Mirror with Light	● Driver Vanity Mirror with Light
Front Passenger Vanity Mirror with Light	● Front Passenger Vanity Mirror with Light
Rear Privacy Glass	● Standard
Sunshades	-
Rain-sensing Wipers	● Standard
Rear Wiper	● Standard
Rear Window Open Method	-
Acoustic Laminated Glass	Front
Heated Windshield	-
Heated Washer Nozzles	-
Climate Control / Refrigerator	-
Climate Control Type	Automatic
Independent Rear Climate Control	● Standard
Rear Air Vents	● Standard
Temperature Zone Control	● Three-zone Climate Control
Temperature Partition Control 1	-
Three-zone Climate Control	● Three-zone Climate Control
Air Purifier	● Standard
PM2.5 Filter	● Standard
Negative Ion Generator	● Standard
In-car Fragrance System	● Standard
AQS Air Quality Management	-
In-car Refrigerator	● Standard
Refrigerator Functions	● Heating; ● Refrigeration; ● Freezing
Refrigerator Heating	● Heating
Refrigerator Cooling	● Refrigeration
Freezing	● Freezing

Smart Features

Parameter	Tang L EV 2025 600KM AWD LiDAR Flagship
Driving Assistance System	● DiPilot 300
DiPilot 300	● DiPilot 300
Driving Assistance Chip	● NVIDIA DRIVE Orin X
NVIDIA DRIVE Orin X	● NVIDIA DRIVE Orin X
Driving Chip Computing Power (TOPS)	● 254
254 TOPS	● 254
In-vehicle Smart System	● DiLink
DiLink	● DiLink
System Memory (GB)	● 16
16 GB Memory	● 16
System Storage (GB)	● 256
256 GB Storage	● 256

Parameter	Tang L EV 2025 600KM AWD LiDAR Flagship
Mobile App Remote Functions	● Digital Key; ● Vehicle Monitoring; ● Remote Control; ● Charging Management; ● Service Appointment
Digital Key	● Digital Key
Vehicle Monitoring	● Vehicle Monitoring
Remote Control	● Remote Control
Charging Management	● Charging Management
Service Appointment	● Service Appointment
Heat Pump System	● Standard
Exterior Camera Count	13
Outer Camera Pixel	-
Number of Interior Cameras	● 1
1 Interior Camera	● 1
Interior Camera Resolution	-
Ultrasonic Sensor Count	12
Millimeter-wave Radar Count	5
Number of LiDAR Sensors	● 1
Sub-meter High-precision Positioning	-
High-definition Map	-
Sentry / Remote View Mode	● Standard
V2X Communication	-
Optional Packages	-
Custom Options	Selectable exterior, interior, wheels and brakes; 1 option package
Lingyuan BYD Intelligent Vehicle-mounted Drone System	Smart Drone Dock x1; Customized DJI Air 3S Vehicle-mounted Drone x1; Customized Dual-mode Controller x1; ○ Optional (RMB 16,968)
Lingyuan BYD Intelligent Vehicle-mounted Drone System	Smart Drone Dock x1; Customized DJI Air 3S Vehicle-mounted Drone x1; Customized Dual-mode Controller x1
Lingyuan BYD Intelligent Vehicle-mounted Drone System - Standard	○ Optional (RMB 16,968)