

	Yuan UP 2025 Smart Driving Edition 401KM Vitality Edition	Yuan UP 2025 Smart Driving Edition 401KM Leading Edition	Yuan UP 2025 Smart Driving Edition 401KM Surpassing Edition
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Basic Information

<u>Manufacturer</u>	BYD	BYD	BYD
<u>level</u>	Small SUV	Small SUV	Small SUV
<u>Energy Type</u>	Pure Electric	Pure Electric	Pure Electric
<u>Availability</u>	2025.02	2025.02	2025.02
<u>Electric Motor</u>	Pure electric 95 horsepower	Pure electric 177 horsepower	Pure electric 177 horsepower
<u>Pure electric range (km). Ministry of Industry and Information Technology</u>	401	401	401
<u>Pure electric range (km). CLTC</u>	401	401	401
<u>Charging time (hours)</u>	Fast charge 0.5 hours	Fast charge 0.5 hours	Fast charge 0.5 hours
<u>Fast charging capacity (%)</u>	30-80	30-80	30-80
<u>Maximum power (kW)</u>	70(95Ps)	130(177Ps)	130(177Ps)
<u>Maximum torque (N·m)</u>	180	290	290
<u>Gearbox</u>	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox
<u>Length x width x height (mm)</u>	4310x1830x1675	4310x1830x1675	4310x1830x1675
<u>Body structure</u>	5-door 5-seater SUV	5-door 5-seater SUV	5-door 5-seater SUV
<u>Maximum speed (km/h)</u>	160	160	160
<u>Official 0-50Km/h acceleration time (s)</u>	4.6	3.1	3.1
<u>Official 0-100km/h acceleration time (s)</u>	12.9	7.9	7.9
<u>Power consumption per 100 kilometers (kWh/100km)</u>	12.2	12.2	12.2
<u>Electric energy equivalent fuel consumption (L/100km)</u>	1.36	1.38	1.38
<u>Vehicle warranty period</u>	6 years or 150,000 km	6 years or 150,000 km	6 years or 150,000 km

Body

<u>Length(mm)</u>	4310	4310	4310
<u>Width(mm)</u>	1830	1830	1830
<u>Height(mm)</u>	1675	1675	1675
<u>Wheelbase(mm)</u>	2620	2620	2620
<u>Front wheel track (mm)</u>	1570	1570	1570
<u>Rear wheelbase(mm)</u>	1570	1570	1570
<u>Minimum ground clearance (mm)</u>	-	-	-
<u>Body structure</u>	SUV	SUV	SUV
<u>Number of doors</u>	5	5	5

<u>Number of seats</u>	5	5	5
<u>Curb weight(kg).</u>	1520	1540	1540
<u>Full load mass (kg).</u>	1895	1915	1915
<u>Luggage compartment volume (L).</u>	1320	1320	1320
<u>Minimum turning radius</u>	5.25m	5.25m	5.25m
Electric Motor			
<u>Motor Description</u>	Pure electric 95 horsepower	Pure electric 177 horsepower	Pure electric 177 horsepower
<u>Motor Type</u>	Permanent magnet/synchronous 	Permanent magnet/synchronous	Permanent magnet/synchronous
<u>Total motor power (kW).</u>	70	130	130
<u>Total motor horsepower (Ps).</u>	95	177	177
<u>Total torque of the motor (N·m).</u>	180	290	290
<u>Maximum power of front motor (kW).</u>	70	130	130
<u>Maximum torque of front motor (N·m).</u>	180	290	290
<u>Number of drive motors</u>	Single motor	Single motor	Single motor
<u>Motor layout</u>	Pre	Pre	Pre
Battery/Charging			
<u>Battery Type</u>	Lithium iron phosphate battery 	Lithium iron phosphate battery	Lithium iron phosphate battery
<u>Battery Feature Technology.</u>	Blade Battery 	Blade Battery	Blade Battery
<u>Battery brand</u>	Fudi	Fudi	Fudi
<u>Battery Pack Warranty.</u>	No age or mileage limit for the first owner (liability exemption clause is subject to official regulations)	No age or mileage limit for the first owner (liability exemption clause is subject to official regulations)	No age or mileage limit for the first owner (liability exemption clause is subject to official regulations)
<u>Battery capacity (kWh).</u>	45.12	45.12	45.12
<u>Battery energy density (Wh/kg).</u>	-	-	-
<u>Battery charging rate</u>	-	-	-
<u>Battery Charging</u>	Fast charge 0.5 hours	Fast charge 0.5 hours	Fast charge 0.5 hours
	• Fast charging port	• Fast charging port	• Fast charging port
Maximum fast charging power (kw)	65	65	65
<u>Fast charging port location</u>	Right fender	Right fender	Right fender
<u>Slow charging port location</u>	Right fender	Right fender	Right fender
<u>Battery Temperature Management System</u>	• Low temperature heating	• Low temperature heating	• Low temperature heating
	• Liquid Cooling	• Liquid Cooling	• Liquid Cooling
<u>Single pedal mode</u>	-	-	-

VTOL maximum external discharge power	3.3kW	3.3kW	3.3kW
VTOV maximum external discharge power	-	-	-
Gearbox			
Gearbox Description	Electric vehicle single speed gearbox 	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox
Number of gears	1	1	1
Gearbox Type	Fixed gear ratio gearbox 	Fixed gear ratio gearbox	Fixed gear ratio gearbox
Chassis/Steering			
Drive mode	Front front drive 	Front front drive	Front front drive
Front suspension type	McPherson independent suspension 	McPherson independent suspension	McPherson independent suspension
Rear suspension type	Trailing arm torsion beam non-independent 	Trailing arm torsion beam non-independent suspension	Trailing arm torsion beam non-independent suspension
Steering type	Electric power assist 	Electric power assist	Electric power assist
Vehicle structure	Load-bearing 	Load-bearing	Load-bearing
Wheels/Brakes			
Front brake type	Ventilated disc 	Ventilated disc	Ventilated disc
Rear brake type	Solid disc 	Solid disc	Solid disc
Parking brake type	Electronic parking brake 	Electronic parking brake	Electronic parking brake
Front tire size	215/65 R16	215/65 R16	215/65 R16
Rear tire size	215/65 R16	215/65 R16	215/65 R16
Spare tire specifications	-	-	-
Spare tire placement	-	-	-
Active safety • Standard • Optional - none			
ABS anti-lock braking system	• Standard	• Standard	• Standard
Braking force distribution (EBD/CBC, etc.)	• Standard	• Standard	• Standard
Brake assist (EBA/BA, etc.)	• Standard	• Standard	• Standard
Traction control (TCS/ASR, etc.)	• Standard	• Standard	• Standard
Vehicle stability system (ESP/DSC, etc.)	• Standard	• Standard	• Standard
Active safety warning system	• Lane Departure Warning 	• Lane Departure Warning	• Lane Departure Warning
	• Forward Collision Warning 	• Forward Collision Warning	• Forward Collision Warning
	• Rear Collision Warning	• Rear Collision Warning	• Rear Collision Warning
	• Reversing side warning 	• Reversing side warning	• Reversing side warning
	• DOW door opening warning 	• DOW door opening warning	• DOW door opening warning

	• Braking for crossing traffic ahead 	• Braking for crossing traffic ahead	• Braking for crossing traffic ahead
Active braking	• Standard	• Standard	• Standard
Lane assist	• Standard	• Standard	• Standard
Lane Keeping Assist System	• Standard	• Standard	• Standard
Lane centering	• Standard	• Standard	• Standard
Fatigue driving tips	-	-	-
Active DMS fatigue detection	-	-	-
In-car vital signs detection	-	-	-
Road traffic sign recognition	• Standard	• Standard	• Standard
Traffic light recognition	-	-	-
Night Vision System	-	-	-
Passive safety • Standard ◦ Optional - none			
Front airbags	• Main driving seat	• Main driving seat	• Main driving seat
	• Passenger seat	• Passenger seat	• Passenger seat
Side airbags	• Front Row	• Front Row	• Front Row
Side curtain airbags	-	• Standard	• Standard
Front knee airbag	-	-	-
Center airbag	-	-	-
Seat belt not fastened reminder	• Standard	• Standard	• Standard
Tire Pressure Monitoring System	• Tire pressure display 	• Tire pressure display	• Tire pressure display
Child seat interface (ISOFIX)	• Standard	• Standard	• Standard
Passive pedestrian protection	-	-	-
Safety tires	-	-	-
Assistance/Control Configuration • Standard ◦ Optional - none			
Parking radar	• forward	• forward	• forward
	• back	• back	• back
Front vehicle departure reminder	-	-	-
Narrow Road Assist	• Standard	• Standard	• Standard
Driving assistance images	• Reversing Image 	• Reversing Image	• Reversing Image
	• 360° panoramic images 	• 360° panoramic images	• 360° panoramic images
	• Transparent images	• Transparent images	• Transparent images
Cruise control system	• Cruise control 	• Cruise control	• Cruise control
	• Adaptive cruise control 	• Adaptive cruise control	• Adaptive cruise control
	• Full-speed adaptive cruise control 	• Full-speed adaptive cruise control	• Full-speed adaptive cruise control

Automatic exit/entry of ramp	• Standard	• Standard	• Standard
Navigation assisted driving	• High-speed road section	• High-speed road section	• High-speed road section
<u>Driving assistance level</u>	• Level 2 	• Level 2	• Level 2
<u>Automatic parking</u>	• Standard	• Standard	• Standard
<u>Tracking reverse</u>	-	-	-
<u>Memory Parking</u>	-	-	-
<u>Automatic valet parking</u>	• Standard	• Standard	• Standard
<u>Automatic parking (AUTOHOLD)</u>	• Standard	• Standard	• Standard
<u>Hill Start Assist (HAC)</u>	• Standard	• Standard	• Standard
<u>Hill Descent Control (HDC)</u>	• Standard	• Standard	• Standard
<u>Variable suspension adjustment</u>	-	-	-
<u>Air suspension</u>	-	-	-
<u>Air suspension type</u>	-	-	-
<u>Electromagnetic induction suspension</u>	-	-	-
<u>Variable steering ratio system</u>	-	-	-
<u>Front axle limited slip mode</u>	-	-	-
<u>Rear axle limited slip mode</u>	-	-	-
<u>Center differential lock function</u>	-	-	-
<u>Low speed four-wheel drive</u>	-	-	-
<u>Integral Active Steering</u>	-	-	-
<u>Driving mode selection</u>	• sports	• sports	• sports
	• Snow	• Snow	• Snow
	• ECO/Economy	• ECO/Economy	• ECO/Economy
	• Standard comfort	• Standard comfort	• Standard comfort
<u>Braking Energy Regeneration System</u>	• Standard	• Standard	• Standard
<u>Comfort Braking</u>	• Standard	• Standard	• Standard
<u>Low speed driving warning sound</u>	• Standard	• Standard	• Standard
External Configuration • Standard ◦ Optional - none			
<u>Skylight Type</u>	-	-	• Panoramic sunroof cannot be opened
<u>Panoramic sunshade</u>	-	-	• Standard
<u>Light-sensitive skylight</u>	-	-	-
<u>Roof rack</u>	-	-	• Standard

Electric spoiler	-	-	-
Active closed grille	-	-	-
Aluminum Alloy Wheels	-	• Standard	• Standard
Side pedals	-	-	-
Frameless doors	-	-	-
Hidden door handle	-	-	-
Tow hook	-	-	-
Internal Configuration • Standard ◦ Optional - none			
Steering wheel material	• Leather	• Leather	• Leather
	-	-	-
Steering wheel adjustment	• Up and down + front and back	• Up and down + front and back	• Up and down + front and back
Electric steering wheel adjustment	-	-	-
Steering wheel functions	• Multi-function control	• Multi-function control	• Multi-function control
Gear shifting	• Electronic hand gear	• Electronic hand gear	• Electronic hand gear
	-	-	-
Driving computer screen	• color	• color	• color
LCD instrument style	• Full LCD	• Full LCD	• Full LCD
LCD instrument size (inch)	• 8.8	• 8.8	• 8.8
Comfort/anti-theft configuration • Standard ◦ Optional - none			
Electric suction door	-	-	-
Electric tailgate	-	-	-
Sensor-type tailgate	-	-	-
Electric tailgate position memory	-	-	-
Central locking system in the car	• Standard	• Standard	• Standard
Remote control key type	• Smart remote control key	• Smart remote control key	• Smart remote control key
	• NFC/RFID Key	• NFC/RFID Key	• NFC/RFID Key
	• Mobile Bluetooth Key	• Mobile Bluetooth Key	• Mobile Bluetooth Key
Keyless entry	• Main driving seat	• Main driving seat	• Main driving seat
Keyless start	• Standard	• Standard	• Standard
Remote Start	• Standard	• Standard	• Standard
Remote control mobile vehicle	-	• Standard	• Standard
Vehicle summon function	-	-	-
Head-up display (HUD)	-	-	• Standard
HUD projection size (inches)	-	-	-
Built-in driving recorder	• Standard	• Standard	• Standard
Original ETC	• Standard	• Standard	• Standard
Active Noise Cancellation	-	-	-

<u>Maximum power of mobile phone wireless charging_(W).</u>	-	-	-
	-	50	50
<u>110V/220V/230V power socket</u>	-	-	-
<u>Luggage compartment 12V power socket</u>	-	-	-
Seat Configuration • Standard • Optional - none			
<u>Seat Material</u>	• imitation leather	• imitation leather	• imitation leather
<u>Sports style seats</u>	-	-	-
<u>Seat Layout</u>	• 2+3	• 2+3	• 2+3
<u>Second row independent seats</u>	-	-	-
<u>Third row seats</u>	-	-	-
<u>Electric seat adjustment</u>	-	• Main driving seat	• Main driving seat
	-	-	• Passenger seat
<u>Folding rear seats</u>	-	-	-
<u>Overall adjustment of the driver's seat</u>	• Move forward and backward	• Move forward and backward	• Move forward and backward
	• Backrest angle	• Backrest angle	• Backrest angle
	• Height adjustment	• Height adjustment	• Height adjustment
<u>Driver's seat partial adjustment</u>	-	-	-
<u>Passenger seat overall adjustment</u>	• Move forward and backward	• Move forward and backward	• Move forward and backward
	• Backrest angle	• Backrest angle	• Backrest angle
<u>Passenger seat partial adjustment</u>	-	-	-
<u>Second row seat overall adjustment</u>	-	-	-
<u>Second row seat partial adjustment</u>	-	-	-
<u>Front seat functions</u>	-	-	• heating
	-	-	• ventilation
<u>Second row seat functions</u>	-	-	-
<u>Third row seat functions</u>	-	-	-
<u>Boss Key</u>	-	-	-
<u>Front/rear armrests</u>	• Front Row	• Front Row	• Front Row
	-	-	-
<u>Rear cup holder</u>	-	-	-
<u>Heated/cooled cup holder</u>	-	-	-
<u>Rear seat folding ratio</u>	• 40:60	• 40:60	• 40:60
<u>Electric folding rear seats</u>	-	-	-
<u>Second row small table</u>	-	-	-

<u>Central control screen size (inches)</u>	• 12.8	• 12.8	• 12.8
<u>Central control screen material</u>	-	-	-
Rotatable/movable central control screen	-	-	-
Satellite navigation system	• Standard	• Standard	• Standard
<u>AR real-time navigation</u>	-	-	-
<u>Navigation traffic information display</u>	• Standard	• Standard	• Standard
<u>Map Brand</u>	• Gaode	• Gaode	• Gaode
<u>Roadside assistance</u>	-	-	-
<u>Bluetooth/Car Phone</u>	• Standard	• Standard	• Standard
<u>Mobile Internet Mapping</u>	-	-	-
<u>Internet of Vehicles</u>	• Standard	• Standard	• Standard
4G/5G Network	• 5G	• 5G	• 5G
	-	-	-
<u>OTA Update</u>	• Standard	• Standard	• Standard
<u>Facial Recognition</u>	-	-	-
<u>Fingerprint recognition</u>	-	-	-
<u>Voiceprint Recognition</u>	-	-	-
<u>Emotion Recognition</u>	-	-	-
<u>Voice recognition control system</u>	• Standard	• Standard	• Standard
<u>Voice wake-up function</u>	• Standard	• Standard	• Standard
<u>Voice wake-up recognition function by region</u>	• Main driver	• Main driver	• Main driver
	• Co-pilot	• Co-pilot	• Co-pilot
	• Second row	• Second row	• Second row
<u>Continuous speech recognition</u>	• Standard	• Standard	• Standard
<u>See and Say</u>	• Standard	• Standard	• Standard
<u>Voice assistant wake-up word</u>	Hello Xiaodi	Hello Xiaodi	Hello Xiaodi
<u>Gesture control function</u>	-	-	-
<u>Wi-Fi hotspots</u>	• Standard	• Standard	• Standard
Audio and Video Entertainment • Standard ◦ Optional - none			
<u>Multi-finger flying screen control</u>	-	-	-
<u>App Store</u>	• Standard	• Standard	• Standard
<u>Multimedia Interface</u>	• SD card slot	• SD card slot	• SD card slot
	• USB/Type-C	• USB/Type-C	• USB/Type-C
<u>Number of USB/Type-C ports</u>	• Front row 2	• Front row 2	• Front row 2
	• 2 rear seats	• 2 rear seats	• 2 rear seats
<u>USB/Type-C maximum charging power</u>	-	-	-

<u>Rear LCD screen</u>	-	-	-
<u>Simulate sound waves</u>	-	-	-
<u>Karaoke function</u>	• Standard	• Standard	• Standard
<u>Audio brand</u>	-	-	-
<u>Number of speakers</u>	• 4	-	-
	-	• 6	• 6
	-	-	-
<u>Rear multimedia controls</u>	-	-	-

Lighting Configuration • Standard ◦ Optional - none

<u>Low beam</u>	• led 	• led	• led
<u>High beam</u>	• led	• led	• led
<u>Daytime running lights</u>	• Standard	• Standard	• Standard
<u>Adaptive high and low beam</u>	• Standard	• Standard	• Standard
<u>Automatic headlights</u>	• Standard	• Standard	• Standard
<u>Turn signal lamp</u>	-	-	-
<u>Front fog lights</u>	-	-	-
<u>Active Front Steering (AFS)</u>	-	-	-
<u>Headlight height adjustment</u>	• Standard	• Standard	• Standard
<u>Headlight cleaning function</u>	-	-	-
<u>Interior ambient lighting</u>	-	-	• monochrome
<u>Active ambient lighting</u>	-	-	-
<u>Lighting features</u>	-	-	-
<u>Lighting projection technology</u>	-	-	-
<u>Headlight Delay Off</u>	• Standard	• Standard	• Standard
<u>Headlight rain and fog mode</u>	-	-	-

Glass/Rearview Mirror • Standard ◦ Optional - none

<u>Power windows</u>	• Front Row	• Front Row	• Front Row
	• Back row	• Back row	• Back row
<u>One-touch window lifting</u>	• Full Vehicle	• Full Vehicle	• Full Vehicle
<u>Window anti-pinch function</u>	• Standard	• Standard	• Standard
<u>Exterior mirror function</u>	• Electric adjustment	• Electric adjustment	• Electric adjustment
	• heating	• heating	• heating
	• Electric folding	• Electric folding	• Electric folding
<u>Interior rearview mirror function</u>	-	-	-
<u>Car makeup mirror</u>	• Main driving seat + lighting	• Main driving seat + lighting	• Main driving seat + lighting
	• Co-pilot seat + lighting	• Co-pilot seat + lighting	• Co-pilot seat + lighting

<u>Car sunshade</u>	-	-	-
<u>Rain-sensing wipers</u>	-	-	-
<u>Rear wiper</u>	-	• Standard	• Standard
<u>Rear window open</u>	-	-	-
<u>Multi-layer soundproof glass</u>	-	-	-
<u>Electric front windshield heating</u>	-	-	-
<u>Heated water nozzle</u>	-	-	-
Air conditioning/refrigerator • Standard ◦ Optional - none			
<u>Air conditioning control method</u>	• automatic	• automatic	• automatic
<u>Rear independent air conditioning</u>	-	-	-
<u>Rear air outlet</u>	• Standard	• Standard	• Standard
<u>Temperature zone control</u>	-	-	-
<u>Car air purifier</u>	-	-	-
<u>In-car PM2.5 filter</u>	• Standard	• Standard	• Standard
<u>Negative ion generator</u>	-	-	-
<u>Car fragrance device</u>	-	-	-
<u>AQS Air Quality Management System</u>	-	-	-
<u>Car Refrigerator</u>	-	-	-
<u>Car refrigerator function</u>	-	-	-
Intelligent configuration			
<u>Assisted driving operating system</u>	• DiPilot 100	• DiPilot 100	• DiPilot 100
<u>Assisted driving chip</u>	• NVIDIA DRIVE Orin N	• NVIDIA DRIVE Orin N	• NVIDIA DRIVE Orin N
Assisted driving chip computing power (TOPS)	• 84	• 84	• 84
<u>In-vehicle intelligent system</u>	• DiLink	• DiLink	• DiLink
<u>In-vehicle smart chip</u>	• D100	• D100	• D100
Vehicle system memory (GB)	• 12	• 12	• 12
Vehicle system storage (GB)	• 256	• 256	• 256
<u>Mobile App Remote Control</u>	• Digital Key	• Digital Key	• Digital Key
	• Vehicle Monitoring	• Vehicle Monitoring	• Vehicle Monitoring
	• Remote Control	• Remote Control	• Remote Control
	• Charging Management	• Charging Management	• Charging Management
	• Service Appointment	• Service Appointment	• Service Appointment
<u>Heat Pump Management System</u>	• Standard	• Standard	• Standard
Number of external cameras	-	-	-
	-	-	-

External camera pixels	• 8 million*3	• 8 million*3	• 8 million*3
In-car camera pixels	-	-	-
Number of ultrasonic radars	• 12	• 12	• 12
Number of millimeter wave radars	-	-	-
	• 5	• 5	• 5
Sub-meter high-precision positioning system	-	-	-
High-precision maps	-	-	-
Sentinel Mode	• Standard	• Standard	• Standard
V2X Communications	-	-	-

Optional Package • Standard ◦ Optional - none

Customized options	Optional exterior, interior, wheels, brakes	Optional exterior, interior, wheels, brakes	Optional exterior, interior, wheels, brakes
Smart optional package	-	-	-
	-	-	-
Daring Pink Vitality Edition	-	-	-
	-	-	-

*The above parameter configuration information is for reference only, please refer to the actual vehicle for details
[View parameter configuration details >](#)