

## Ficha Técnica: BYD YUAN UP



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### Basic Information • Standard ○ Optional - None

Model	Yuan UP 2024 301KM Leading Model	Yuan UP 2024 401KM Leading Model	Yuan UP 2024 Model 401KM Exceeding
Manufacturer	BYD	BYD	BYD
Level	Entry SUV	Entry SUV	Entry SUV
Energy Type	Pure electric	Pure electric	Pure electric
Electric Motor	Pure electric 95 horsepower	Pure electric 177 horsepower	Pure electric 177 horsepower
Pure Electric Cruising Range (Km)	301	401	401
Charging Time (Hours)	Charge fast for 0.5 hours	Charge fast for 0.5 hours	Charge fast for 0.5 hours
Fast Charge (%)	30-80	30-80	30-80
Maximum Power (kW)	70(95Ps)	130(177Ps)	130(177Ps)
Maximum Torque (N·m)	180	290	290
Gearbox	Single-speed transmission for electric vehicles	Single-speed transmission for electric vehicles	Single-speed transmission for electric vehicles
LxWxH(mm)	4310x1830x1675	4310x1830x1675	4310x1830x1675
Body Structure	5 door 5 seat SUV	5 door 5 seat SUV	5 door 5 seat SUV
Maximum Speed (km/h)	150	160	160
Official 100 km Acceleration Time (s)	12	7.9	7.9
100km Power Consumption	12kWh	12.2kWh	12.2kWh
Power Equivalent Fuel Consumption (L/100km)	1.36	1.38	1.38

### Body • Standard ○ Optional - None

Model	Yuan UP 2024 301KM Leading Model	Yuan UP 2024 401KM Leading Model	Yuan UP 2024 Model 401KM Exceeding
Length(mm)	4310	4310	4310

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Width(mm)	1830	1830	1830
Height(mm)	1675	1675	1675
Wheelbase(mm)	2620	2620	2620
Front Track(mm)	1570	1570	1570
Rear Track(mm)	1570	1570	1570
Number of Doors (pcs)	5	5	5
Body Structure	SUV	SUV	SUV
Door Opening Mode	Vertical hinged door	Vertical hinged door	Vertical hinged door
Number of Seats (pcs)	5	5	5
Curb Weight (kg)	1430	1540	1540
Full Load Mass(kg)	1805	1915	1915
Luggage Compartment Capacity (L)	1320	1320	1320

### Electric Motor • Standard ○ Optional - None

Model	Yuan UP 2024 301KM Leading Model	Yuan UP 2024 401KM Leading Model	Yuan UP 2024 Model 401KM Exceeding
Motor Description	Pure electric 95 horsepower	Pure electric 177 horsepower	Pure electric 177 horsepower
Motor Type	Permanent Magnet / Synchronous	Permanent Magnet / Synchronous	Permanent Magnet / Synchronous
Total Motor Power (kW)	70	130	130
Motor Total Horsepower (Ps)	95	177	177
Motor Total Torque (N·m)	180	290	290
Front Motor Maximum Power (kW)	70	130	130
Front Motor Maximum Torque (N·m)	180	290	290
Number Of Driving Motors	Single motor	Single motor	Single motor

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Motor Layout	Preposition	Preposition	Preposition
<b>Battery Charging • Standard ○ Optional - None</b>			
<b>Model</b>	<b>Yuan UP 2024 301KM Leading Model</b>	<b>Yuan UP 2024 401KM Leading Model</b>	<b>Yuan UP 2024 Model 401KM Exceeding</b>
Battery Type	LFP Battery	LFP Battery	LFP Battery
Battery Characteristic Technology	Blade battery	Blade battery	Blade battery
Cell Brand	BYD	BYD	BYD
Battery Capacity (kWh)	32	45.12	45.12
Charging Batteries	Charge fast for 0.5 hours • Fast charging interface	Charge fast for 0.5 hours • Fast charging interface	Charge fast for 0.5 hours • Fast charging interface
Max Fast charge power (kw)	45	65	65
Fast Charging Interface Location	Right fender	Right fender	Right fender
Slow Charging Interface Location	Right fender	Right fender	Right fender
Battery Temperature Management System	• Low temperature heating • Liquid cooling	• Low temperature heating • Liquid cooling	• Low temperature heating • Liquid cooling
VTOL Mobile Power Station Function	• Standard	• Standard	• Standard
<b>Gearbox • Standard ○ Optional - None</b>			
<b>Model</b>	<b>Yuan UP 2024 301KM Leading Model</b>	<b>Yuan UP 2024 401KM Leading Model</b>	<b>Yuan UP 2024 Model 401KM Exceeding</b>
Gearbox Description	Single-speed transmission for electric vehicles	Single-speed transmission for electric vehicles	Single-speed transmission for electric vehicles
Number of Gears	1	1	1
Transmission Type	Fixed tooth ratio gearbox	Fixed tooth ratio gearbox	Fixed tooth ratio gearbox
<b>Chassis/Steering • Standard ○ Optional - None</b>			
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Drive Mode	Front-wheel-drive layout	Front-wheel-drive layout	Front-wheel-drive layout
Front Suspension Form	McPherson type independent	McPherson type independent	McPherson type independent
Rear Suspension Form	Longitudinal torsion beam type non-independent suspension	Longitudinal torsion beam type non-independent suspension	Longitudinal torsion beam type non-independent suspension
Steering Type	Electric assist	Electric assist	Electric assist
Body Structure	Load-supporting	Load-supporting	Load-supporting

### Wheels/Brakes • Standard ○ Optional - None

Model	Yuan UP 2024 301KM Leading Model	Yuan UP 2024 401KM Leading Model	Yuan UP 2024 Model 401KM Exceeding
Front Brake Type	Ventilated disc	Ventilated disc	Ventilated disc
Rear Brake Type	Solid disk type	Solid disk type	Solid disk type
Parking Brake Type	Electronic parking	Electronic parking	Electronic parking
Front Tire Size	215/65 R16	215/65 R16	215/65 R16
Rear Tire Size	215/65 R16	215/65 R16	215/65 R16

### Active safety • Standard ○ Optional - None

Model	Yuan UP 2024 301KM Leading Model	Yuan UP 2024 401KM Leading Model	Yuan UP 2024 Model 401KM Exceeding
ABS Anti-lock	• Standard	• Standard	• Standard
Brake Force Distribution (EBD/CBC,	• Standard	• Standard	• Standard
Brake Assist (EBA/BA, etc.)	• Standard	• Standard	• Standard
Traction Control (TCS/ASR. etc.)	• Standard	• Standard	• Standard
Body Stabilization System (ESP/DSC,	• Standard	• Standard	• Standard
Active Safety Early Warning System	-	-	○ Lane departure warning
	-	-	○ Forward collision warning
	-	-	○ Rear collision warning

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	-	-	○ Astern side warning
	-	-	○ DOW door opening warning
Active Braking	-	-	○ Optional
Parallel Assist	-	-	○ Optional
Lane Keeping Assist	-	-	○ Optional
Lane Centering	-	-	○ Optional
Road Traffic Sign Recognition	-	-	○ Optional

### Passive Safety • Standard ○ Optional - None

Model	Yuan UP 2024 301KM Leading Model	Yuan UP 2024 401KM Leading Model	Yuan UP 2024 Model 401KM Exceeding
Front Airbag	<ul style="list-style-type: none"> <li>• The main driver</li> <li>• Co-pilot position</li> </ul>	<ul style="list-style-type: none"> <li>• The main driver</li> <li>• Co-pilot position</li> </ul>	<ul style="list-style-type: none"> <li>• The main driver</li> <li>• Co-pilot position</li> </ul>
Side Airbag	<ul style="list-style-type: none"> <li>• Front row</li> </ul>	<ul style="list-style-type: none"> <li>• Front row</li> </ul>	<ul style="list-style-type: none"> <li>• Front row</li> </ul>
Side Air Curtain	-	<ul style="list-style-type: none"> <li>• Standard</li> </ul>	<ul style="list-style-type: none"> <li>• Standard</li> </ul>
Seat Belt Not Fastened Reminder	<ul style="list-style-type: none"> <li>• Standard</li> </ul>	<ul style="list-style-type: none"> <li>• Standard</li> </ul>	<ul style="list-style-type: none"> <li>• Standard</li> </ul>
Tire Pressure Monitoring System	<ul style="list-style-type: none"> <li>• RPA run flat indicator</li> </ul>	<ul style="list-style-type: none"> <li>• RPA run flat indicator</li> </ul>	<ul style="list-style-type: none"> <li>• Tire pressure display</li> </ul>
Child Seat Interface (ISOFIX)	<ul style="list-style-type: none"> <li>• Standard</li> </ul>	<ul style="list-style-type: none"> <li>• Standard</li> </ul>	<ul style="list-style-type: none"> <li>• Standard</li> </ul>

### Assist/Control Configuration • Standard ○ Optional - None

Model	Yuan UP 2024 301KM Leading Model	Yuan UP 2024 401KM Leading Model	Yuan UP 2024 Model 401KM Exceeding
Parking Radar	<ul style="list-style-type: none"> <li>• Forward</li> <li>• Back</li> </ul>	<ul style="list-style-type: none"> <li>• Forward</li> <li>• Back</li> </ul>	<ul style="list-style-type: none"> <li>• Forward</li> <li>• Back</li> </ul>
Driving Assistance Video	<ul style="list-style-type: none"> <li>• Reverse image</li> <li>• 360° Panoramic image</li> </ul>	<ul style="list-style-type: none"> <li>• Reverse image</li> <li>• 360° Panoramic image</li> </ul>	<ul style="list-style-type: none"> <li>• Reverse image</li> <li>• 360° Panoramic image</li> </ul>

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Cruise System	• Cruise Control	• Cruise Control	• Cruise Control
	-	-	◦ Adaptive cruise
	-	-	◦ Full speed adaptive cruise
Assisted Driving Level	-	-	◦ L2
AUTOHOLD	• Standard	• Standard	• Standard
Hill Assist (HAC)	• Standard	• Standard	• Standard
Hill Descent (HDC)	• Standard	• Standard	• Standard
Driving Mode Selection	• Sports	• Sports	• Sports
	• ECO	• ECO	• ECO
	• Standard comfort	• Standard comfort	• Standard comfort
Brake Energy Recovery System	• Standard	• Standard	• Standard
Low-speed Driving Warning Sound	• Standard	• Standard	• Standard

### External Configuration • Standard ◦ Optional - None

Model	Yuan UP 2024 301KM Leading Model	Yuan UP 2024 401KM Leading Model	Yuan UP 2024 Model 401KM Exceeding
Sunroof Type	-	-	• Unopenable panoramic skylight
Car roof carriers	-	-	• Standard
Aluminum Alloy Wheels	• Standard	• Standard	• Standard
Hidden Door Handle	• Standard	• Standard	• Standard

### Internal Configuration • Standard ◦ Optional - None

Model	Yuan UP 2024 301KM Leading Model	Yuan UP 2024 401KM Leading Model	Yuan UP 2024 Model 401KM Exceeding
Steering Wheel Material	• Leather	• Leather	• Leather
Steering Wheel Adjustment	• Up and down + Front and rear	• Up and down + Front and rear	• Up and down + Front and rear

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Steering Wheel Function	• Multifunction control	• Multifunction control	• Multifunction control
Trip Computer Screen	• Colour	• Colour	• Colour
Liquid Crystal Instrument Style	• Full LCD	• Full LCD	• Full LCD
LCD Instrument Dimensions (inch)	• 8.8	• 8.8	• 8.8

### Comfort/anti-theft Configuration • Standard ○ Optional - None

Model	Yuan UP 2024 301KM Leading Model	Yuan UP 2024 401KM Leading Model	Yuan UP 2024 Model 401KM Exceeding
Car Central Control Lock	• Standard	• Standard	• Standard
Remote Key Type	• Mobile phone bluetooth key	• Mobile phone bluetooth key	• Mobile phone bluetooth key
	• Intelligent remote key	• Intelligent remote key	• Intelligent remote key
	• NFC/RFID keys	• NFC/RFID keys	• NFC/RFID keys
Key-Less Entry	• Main driving seat	• Main driving seat	• Main driving seat
Key-Less Start	• Standard	• Standard	• Standard
Remote Start	• Standard	• Standard	• Standard
Remote Control Mobile Vehicle	• Standard	• Standard	• Standard
Head-Up Display System (HUD)	-	-	○ Optional
HUD Projection Size (inches)	-	-	○ 8
Built-in Driving Recorder	-	• Standard	• Standard
Original ETC	• Standard	• Standard	• Standard
Mobile Phone Wireless Charging	-	-	• Standard

### Seat Configuration • Standard ○ Optional - None

Model	Yuan UP 2024 301KM Leading Model	Yuan UP 2024 401KM Leading Model	Yuan UP 2024 Model 401KM Exceeding
Seat Material	• Imitation leather	• Imitation leather	• Imitation leather



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Seat Layout	• 2+3	• 2+3	• 2+3
Electric Seat Adjustment	-	-	• Main driving seat
	-	-	• Passenger seat
Overall Adjustment Of The Main Driver Seat	• Up and down	• Up and down	• Up and down
	• Front and rear	• Front and rear	• Front and rear
	• Backrest angle	• Backrest angle	• Backrest angle
Passenger Seat Overall Adjustment	• Front and rear	• Front and rear	• Front and rear
	• Backrest angle	• Backrest angle	• Backrest angle
Front/Rear Armrests	• Front row	• Front row	• Front row
	-	-	○ Back row
Rear Cup Holder	-	-	○ Optional
Rear Seat Reclining Ratio	• 40:60	• 40:60	• 40:60

### Intelligent Interconnection • Standard ○ Optional - None

Model	Yuan UP 2024 301KM Leading Model	Yuan UP 2024 401KM Leading Model	Yuan UP 2024 Model 401KM Exceeding
Center Control Screen Size (inches)	• 10.1	• 12.8	• 12.8
Center Control Panel Can Be Rotated/Moved	• Standard	• Standard	• Standard
GPS Navigation System	• Standard	• Standard	• Standard
Navigation Traffic Information Display	• Standard	• Standard	• Standard
Bluetooth/Car Phone	• Standard	• Standard	• Standard
Car Networking	• Standard	• Standard	• Standard
4G/5G Network	• 4G	• 4G	• 4G
OTA Upgrade	• Standard	• Standard	• Standard

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Voice Recognition Control System	• Standard	• Standard	• Standard
Voice Wake-up Free Function	• Standard	• Standard	• Standard
Voice Region Wake-up Recognition Function	• Main driver's seat	• Main driver's seat	• Main driver's seat
Continuous Voice Recognition	• Standard	• Standard	• Standard
Wi-Fi Hotspot	• Standard	• Standard	• Standard

### Media Entertainment • Standard ○ Optional - None

Model	Yuan UP 2024 301KM Leading Model	Yuan UP 2024 401KM Leading Model	Yuan UP 2024 Model 401KM Exceeding
Application Store	• Standard	• Standard	• Standard
Multimedia Interface	• USB/Type-C	• USB/Type-C	• USB/Type-C
Number of USB/Type-C Ports	• 2 front row • 2 back row	• 2 front row • 2 back row	• 2 front row • 2 back row
Number Of Speakers (PCS)	• 6 -	• 6 -	• 6 ○ 8

### LIGHTING PLAN • Standard ○ Optional - None

Model	Yuan UP 2024 301KM Leading Model	Yuan UP 2024 401KM Leading Model	Yuan UP 2024 Model 401KM Exceeding
Dipped Headlight	• LED	• LED	• LED
Headlights On Full Beam	• LED	• LED	• LED
Daytime Running Light	• Standard	• Standard	• Standard
Adaptive Near and Far Light	-	-	○ Optional
Automatic Headlight Activation	• Standard	• Standard	• Standard
Headlight Height Adjustment	• Standard	• Standard	• Standard
Headlights Turn Off Late	• Standard	• Standard	• Standard

## Ficha Técnica: BYD YUAN UP

### Glass/Rear View Mirror • Standard ○ Optional - None

Model	Yuan UP 2024 301KM Leading Model	Yuan UP 2024 401KM Leading Model	Yuan UP 2024 Model 401KM Exceeding
Power Window	<ul style="list-style-type: none"> <li>• Front row</li> <li>• Back row</li> </ul>	<ul style="list-style-type: none"> <li>• Front row</li> <li>• Back row</li> </ul>	<ul style="list-style-type: none"> <li>• Front row</li> <li>• Back row</li> </ul>
The Window Is Raised And Lowered By One Click	<ul style="list-style-type: none"> <li>• Main driver's seat</li> </ul>	<ul style="list-style-type: none"> <li>• Main driver's seat</li> </ul>	<ul style="list-style-type: none"> <li>• Whole car</li> </ul>
Window anti-clamping function	<ul style="list-style-type: none"> <li>• Standard</li> </ul>	<ul style="list-style-type: none"> <li>• Standard</li> </ul>	<ul style="list-style-type: none"> <li>• Standard</li> </ul>
Exterior Rearview Mirror Function	<ul style="list-style-type: none"> <li>• Electrical circuitry control</li> </ul>	<ul style="list-style-type: none"> <li>• Electrical circuitry control</li> </ul>	<ul style="list-style-type: none"> <li>• Electrical circuitry control</li> </ul>
	<ul style="list-style-type: none"> <li>• Heating</li> </ul>	<ul style="list-style-type: none"> <li>• Heating</li> </ul>	<ul style="list-style-type: none"> <li>• Heating</li> </ul>
	-	-	<ul style="list-style-type: none"> <li>• Electric folding</li> </ul>
Car Mirror	<ul style="list-style-type: none"> <li>• Main driver seat + lighting</li> </ul>	<ul style="list-style-type: none"> <li>• Main driver seat + lighting</li> </ul>	<ul style="list-style-type: none"> <li>• Main driver seat + lighting</li> </ul>
	<ul style="list-style-type: none"> <li>• Passenger seat + lighting</li> </ul>	<ul style="list-style-type: none"> <li>• Passenger seat + lighting</li> </ul>	<ul style="list-style-type: none"> <li>• Passenger seat + lighting</li> </ul>
Rear Wiper	<ul style="list-style-type: none"> <li>• Standard</li> </ul>	<ul style="list-style-type: none"> <li>• Standard</li> </ul>	<ul style="list-style-type: none"> <li>• Standard</li> </ul>

### Air Conditioner/Refrigerator • Standard ○ Optional - None

Model	Yuan UP 2024 301KM Leading Model	Yuan UP 2024 401KM Leading Model	Yuan UP 2024 Model 401KM Exceeding
Air Conditioning Control Mode	<ul style="list-style-type: none"> <li>• Automatic</li> </ul>	<ul style="list-style-type: none"> <li>• Automatic</li> </ul>	<ul style="list-style-type: none"> <li>• Automatic</li> </ul>
PM2.5 Filter Device in car	<ul style="list-style-type: none"> <li>• Standard</li> </ul>	<ul style="list-style-type: none"> <li>• Standard</li> </ul>	<ul style="list-style-type: none"> <li>• Standard</li> </ul>

### Intelligent Configuration • Standard ○ Optional - None

Model	Yuan UP 2024 301KM Leading Model	Yuan UP 2024 401KM Leading Model	Yuan UP 2024 Model 401KM Exceeding
Vehicle Intelligent System	<ul style="list-style-type: none"> <li>• DiLink</li> </ul>	<ul style="list-style-type: none"> <li>• DiLink</li> </ul>	<ul style="list-style-type: none"> <li>• DiLink</li> </ul>
Mobile App Remote Control	<ul style="list-style-type: none"> <li>• Service to make an appointment</li> </ul>	<ul style="list-style-type: none"> <li>• Service to make an appointment</li> </ul>	<ul style="list-style-type: none"> <li>• Service to make an appointment</li> </ul>
	<ul style="list-style-type: none"> <li>• Vehicle monitoring</li> </ul>	<ul style="list-style-type: none"> <li>• Vehicle monitoring</li> </ul>	<ul style="list-style-type: none"> <li>• Vehicle monitoring</li> </ul>
	<ul style="list-style-type: none"> <li>• Charging management</li> </ul>	<ul style="list-style-type: none"> <li>• Charging management</li> </ul>	<ul style="list-style-type: none"> <li>• Charging management</li> </ul>

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	• Remote control	• Remote control	• Remote control
	• Digital Key	• Digital Key	• Digital Key
Heat Pump Management System	• Standard	• Standard	• Standard
Number Of External Cameras (PCS)	• 4	-	-
	-	• 5	• 5
	-	-	◦ 6
Number Of Ultrasonic Radars (PCS)	• 4	• 4	• 6
Number Of Millimeter Wave Radars	-	-	◦ 3
<b>Optional package • Standard ◦ Optional - None</b>			
<b>Model</b>	<b>Yuan UP 2024 301KM Leading Model</b>	<b>Yuan UP 2024 401KM Leading Model</b>	<b>Yuan UP 2024 Model 401KM Exceeding</b>
Smart Optional Package	-	-	Rear seat center headrest, rear seat center armrest (with double cup holders), 17-inch Smart Wind aluminum wheels, ◦ Optional
Bold Powder Vitality Version	Kokang powder exterior color Kokang powder interior color ◦ Optional	Kokang powder exterior color Kokang powder interior color ◦ Optional	Kokang powder exterior color Kokang powder interior color ◦ Optional