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Trumpchi ES9 configuration sheet

	Trumpchi ES9 2024 PHEV 143km Pro	Trumpchi ES9 2024 PHEV 143km Max	Trumpchi ES9 2024 PHEV 143km Traveler Pro	Trumpchi ES9 2024 PHEV 143km Traveler Max
Basic parameters				
Manufacturer	GAC Passenger Car	GAC Passenger Car	GAC Passenger Car	GAC Passenger Car
level	Medium and large SUV	Medium and large SUV	Medium and large SUV	Medium and large SUV
Energy type	plug-in hybrid	plug-in hybrid	plug-in hybrid	plug-in hybrid
Environmental protection standards	Country VI	Country VI	Country VI	Country VI
time to market	2023.10	2023.10	2023.10	2023.10
WLTC pure electric cruising range (km)	110	110	110	110
CLTC pure electric cruising range (km)	143	143	143	143
Fast charging time (hours)	0.36	0.36	0.36	0.36
Slow charging time (hours)	3.5	3.5	3.5	3.5
Fast charging percentage	30-80	30-80	30-80	30-80
Maximum power (kW)	274	274	274	274
Maximum torque (N·m)	630	630	630	630
engine	2.0T 190 horsepower L4	2.0T 190 horsepower L4	2.0T 190 horsepower L4	2.0T 190 horsepower L4
Motor (Ps)	182	182	182	182
gearbox	2nd gear DHT	2nd gear DHT	2nd gear DHT	2nd gear DHT
Length*width*height (mm)	5015*1950*1780	5015*1950*1780	5110*1976*1780	5110*1976*1780
Body structure	5-door, 7-seater SUV	5-door, 7-seater SUV	5-door, 6-seater SUV	5-door, 6-seater SUV
Maximum speed (km/h)	180	180	180	180
Official 0-100km/h acceleration (s)	8	8	8	8

WLTC comprehensive fuel consumption (L/100km)	1.2	1.2	1.2	1.2
Minimum state of charge fuel consumption (L/100km)	6.18	6.18	6.18	6.18
Vehicle warranty	Five years or 150,000 kilometers	Five years or 150,000 kilometers	Five years or 150,000 kilometers	Five years or 150,000 kilometers
First owner warranty policy	-	-	-	-
Body				
Length (mm)	5015	5015	5110	5110
Width (mm)	1950	1950	1976	1976
Height (mm)	1780	1780	1780	1780
Wheelbase (mm)	2920	2920	2920	2920
Front wheelbase (mm)	1664	1664	1672	1672
Rear wheelbase (mm)	1676	1676	1684	1684
Minimum ground clearance without load (mm)	171	171	171	171
Approach angle (°)	18	18	18	18
Departure angle (°)	twenty three	twenty three	twenty one	twenty one
Minimum turning radius (m)	5.85	5.85	5.85	5.85
Body structure	SUV	SUV	SUV	SUV
Car door opening method	swing door	swing door	swing door	swing door
Number of doors (number)	5	5	5	5
Number of seats (seats)	7	7	6	6
Fuel tank volume (L)	56	56	56	56
Trunk volume (L)	-	-	-	-
Curb weight (kg)	2220	2220	2220	2220
Maximum full load mass (kg)	2805	2805	2805	2805
Engine				
engine model	4B20J2	4B20J2	4B20J2	4B20J2
Displacement (mL)	1991	1991	1991	1991
Displacement (L)	2.0	2.0	2.0	2.0
Intake form	turbocharging	turbocharging	turbocharging	turbocharging
Engine layout	horizontal	horizontal	horizontal	horizontal

Cylinder arrangement	L	L	L	L
Number of cylinders (number)	4	4	4	4
Number of valves per cylinder (number)	4	4	4	4
Air Supply	DOHC	DOHC	DOHC	DOHC
Maximum horsepower (Ps)	190	190	190	190
Maximum power (kW)	140	140	140	140
Maximum power speed (rpm)	—	—	—	—
Maximum torque (N • m)	330	330	330	330
Maximum torque speed (rpm)	—	—	—	—
Maximum net power (kW)	140	140	140	140
fuel form	plug-in hybrid	plug-in hybrid	plug-in hybrid	plug-in hybrid
fuel grade	No. 92	No. 92	No. 92	No. 92
Fuel supply method	direct injection	direct injection	direct injection	direct injection
Cylinder head material	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Cylinder material	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Environmental protection standards	Country VI	Country VI	Country VI	Country VI
Electric motor				
Motor type	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous
Total motor power (kW)	134	134	134	134
Total motor power (Ps)	182	182	182	182
Total torque of motor (N • m)	300	300	300	300
Maximum power of front electric motor (kW)	134	134	134	134
Maximum torque of front electric motor (N • m)	300	300	300	300
System comprehensive power (kW)	274	274	274	274

System comprehensive power (Ps)	373	373	373	373
System comprehensive torque (N·m)	630	630	630	630
Number of drive motors	single motor	single motor	single motor	single motor
Motor layout	frontload	frontload	frontload	frontload
Battery Type	Ternary lithium battery	Ternary lithium battery	Ternary lithium battery	Ternary lithium battery
Battery brand	Jiangsu Zhengli	Jiangsu Zhengli	Jiangsu Zhengli	Jiangsu Zhengli
Battery cooling method	liquid cooling	liquid cooling	liquid cooling	liquid cooling
WLTC pure electric cruising range (km)	110	110	110	110
CLTC pure electric cruising range (km)	143	143	143	143
WLTC comprehensive range (km)	1016	1016	1016	1016
Battery energy (kWh)	25.57	25.57	25.57	25.57
Electricity consumption per 100 kilometers (kWh/100km)	twenty two	twenty two	twenty two	twenty two
Battery pack warranty	There is no limit on the age/mileage of the first car owner (the liability exemption clause shall be subject to the official)	There is no limit on the age/mileage of the first car owner (the liability exemption clause shall be subject to the official)	There is no limit on the age/mileage of the first car owner (the liability exemption clause shall be subject to the official)	There is no limit on the age/mileage of the first car owner (the liability exemption clause shall be subject to the official)
Fast charging function	support	support	support	support
Fast charging power (kW)	40	40	40	40
Fast charging time (hours)	0.36	0.36	0.36	0.36
Slow charging time (hours)	3.5	3.5	3.5	3.5
Fast charging capacity(%)	30-80	30-80	30-80	30-80
Gearbox				
Number of gears	2	2	2	2

Gearbox type	Dedicated Hybrid Transmission (DHT)	Dedicated Hybrid Transmission (DHT)	Dedicated Hybrid Transmission (DHT)	Dedicated Hybrid Transmission (DHT)
abbreviation	2nd gear DHT	2nd gear DHT	2nd gear DHT	2nd gear DHT
Chassis steering				
Drive mode	Front wheel drive	Front wheel drive	Front wheel drive	Front wheel drive
four-wheel drive	-	-	-	-
Center differential structure	-	-	-	-
Front suspension type	MacPherson independent suspension	MacPherson independent suspension	MacPherson independent suspension	MacPherson independent suspension
rear suspension type	Multi-link independent suspension	Multi-link independent suspension	Multi-link independent suspension	Multi-link independent suspension
Assist type	electric assist	electric assist	electric assist	electric assist
Body structure	Load-bearing	Load-bearing	Load-bearing	Load-bearing
Wheel brake				
Front brake type	ventilated disc	ventilated disc	ventilated disc	ventilated disc
rear brake type	ventilated disc	ventilated disc	ventilated disc	ventilated disc
Parking brake type	Electronic parking	Electronic parking	Electronic parking	Electronic parking
Front tire specifications	255/50 R20	255/50 R20	255/50 R20	255/50 R20
Rear tire specifications	255/50 R20	255/50 R20	255/50 R20	255/50 R20
Spare tire specifications	-	-	-	-
Passive safety				
Main/passenger seat airbag	Main●/Deputy●	Main●/Deputy●	Main●/Deputy●	Main●/Deputy●
Front/rear side airbags	Before●/After-	Before●/After-	Before●/After-	Before●/After-
Front/rear head airbags (curtain airbags)	before●/after●	before●/after●	before●/after●	before●/after●
Tire pressure monitoring function	●Tire pressure display	●Tire pressure display	●Tire pressure display	●Tire pressure display
Run-flat tires	-	-	-	-
Seat belt not fastened reminder	●Front row ● Second row	●Front row ● Second row	●Front row ● Second row	●Front row ● Second row
ISOFIX child seat interface	●	●	●	●
ABS anti-lock	●	●	●	●

Braking force distribution (EBD/CBC, etc.)	●	●	●	●
Brake assist (EBA/BAS/BA, etc.)	●	●	●	●
Traction control (ASR/TCS/TRC, etc.)	●	●	●	●
Body stability control (ESC/ESP/DSC, etc.)	●	●	●	●
Active safety				
Lane Departure Warning System	●	●	●	●
Active braking/active safety system	●	●	●	●
Fatigue driving tips	—	—	—	—
DOW opening warning	●	●	●	●
forward collision warning	●	●	●	●
rear collision warning	●	●	●	●
Low speed warning	●	●	●	●
Built-in driving recorder	●	●	●	●
roadside assistance call	●	●	●	●
Driving control				
Driving mode switch	●Sport ● Economy ● Standard/Comfortable	●Sport ● Economy ● Standard/Comfortable	●Sport ● Economy ● Standard/Comfortable	●Sport ● Economy ● Standard/Comfortable
energy recovery system	●	●	●	●
automatic parking	●	●	●	●
Hill assist	●	●	●	●
steep descent	●	●	●	●
Driving hardware				
Front/rear parking radar	before●/after●	before●/after●	before●/after●	before●/after●
Driving assistance images	●360-degree panoramic image	●360-degree panoramic image	●360-degree panoramic image	●360-degree panoramic image
Transparent chassis/540 degree image	●	●	●	●

Driving function				
cruise system	●Full-speed adaptive cruise	●Full-speed adaptive cruise	●Full-speed adaptive cruise	●Full-speed adaptive cruise
Assisted driving level	●L2	●L2	●L2	●L2
Reverse side warning system	●	●	●	●
satellite navigation system	●	●	●	●
Navigation traffic information display	●	●	●	●
map brand	●Gaode	●Gaode	●Gaode	●Gaode
Parallel assistance	●	●	●	●
Lane Keeping Assist System	●	●	●	●
Lane centering	●	●	●	●
Road traffic sign recognition	●	●	●	●
Appearance/anti-theft				
Rim material	●Aluminum alloy	●Aluminum alloy	●Aluminum alloy	●Aluminum alloy
Electric trunk	●	●	●	●
induction trunk	●	●	●	●
Electric trunk position memory	●	●	●	●
roof rack	●	●	●	●
Engine electronic anti-theft	●	●	●	●
Central locking in car	●	●	●	●
Key type	●Remote key	●Remote key	●Remote key	●Remote key
Keyless start system	●	●	●	●
Keyless entry function	●Front row	●Front row	●Front row	●Front row
Hidden electric door handle	●	●	-	-
Remote start function	●	●	●	●
Battery preheating	●	●	●	●
external discharge	●	●	●	●
Exterior lights				
low beam light source	●LED	●LED	●LED	●LED

high beam light source	●LED	●LED	●LED	●LED
Lighting features	●Matrix	●Matrix	●Matrix	●Matrix
LED daytime running lights	●	●	●	●
Adaptive high and low beam	●	●	●	●
automatic headlight	●	●	●	●
car front fog lights	-	-	●LED	●LED
Headlight height adjustable	●	●	●	●
Delayed turn off of headlights	●	●	●	●
Skylight/glass				
Skylight type	-	●The panoramic sunroof can be opened	●The panoramic sunroof can be opened	●The panoramic sunroof can be opened
Front/rear electric windows	before●/after●	before●/after●	before●/after●	before●/after●
One-touch window lifting function	●The whole car	●The whole car	●The whole car	●The whole car
Window anti-pinch function	●	●	●	●
Multilayer soundproof glass	-	●Front row	-	●Front row
Rear side privacy glass	●	●	●	●
Car vanity mirror	●Main driver + lighting ●Co-pilot + lighting	●Main driver + lighting ●Co-pilot + lighting	●Main driver + lighting ●Co-pilot + lighting	●Main driver + lighting ●Co-pilot + lighting
rear wiper	●	●	●	●
Sensing wiper function	●Rain sensor type	●Rain sensor type	●Rain sensor type	●Rain sensor type
Exterior rearview mirror				

Exterior rearview mirror function	<ul style="list-style-type: none"> ●Electric adjustment ●Electric folding ●Heated rearview mirror ●Automatic folding when the car is locked 	<ul style="list-style-type: none"> ●Electric adjustment ●Electric folding ●Rearview mirror memory ●Heated rearview mirrors ●Automatically flip down when reversing ●Automatically fold when the car is locked 	<ul style="list-style-type: none"> ●Electric adjustment ●Electric folding ●Rearview mirror memory ●Heated rearview mirrors ●Automatically flip down when reversing ●Automatically fold when the car is locked 	<ul style="list-style-type: none"> ●Electric adjustment ●Electric folding ●Rearview mirror memory ●Heated rearview mirrors ●Automatically flip down when reversing ●Automatically fold when the car is locked
Screen/system				
Central control color screen	●Touch LCD screen	●Touch LCD screen	●Touch LCD screen	●Touch LCD screen
Central control screen size	●14.6 inches	●14.6 inches	●14.6 inches	●14.6 inches
Bluetooth/car phone	●	●	●	●
Mobile phone interconnection/mapping	-	-	-	-
Voice recognition control system	<ul style="list-style-type: none"> ●Multimedia system ●Navigation ●Telephone ●Air conditioning 	<ul style="list-style-type: none"> ●Multimedia system ●Navigation ●Telephone ●Air conditioning ●Sunroof 	<ul style="list-style-type: none"> ●Multimedia system ●Navigation ●Telephone ●Air conditioning ●Sunroof 	<ul style="list-style-type: none"> ●Multimedia system ●Navigation ●Telephone ●Air conditioning ●Sunroof
Vehicle smart chip	●Qualcomm Snapdragon 8155	●Qualcomm Snapdragon 8155	●Qualcomm Snapdragon 8155	●Qualcomm Snapdragon 8155
Voice wake word free	●	●	●	●
Voice area wake-up recognition	●Dual area	●Dual area	●Dual area	●Dual area
Speech continuous recognition	●	●	●	●
Intelligent configuration				
Internet of Vehicles	●	●	●	●
4G/5G network	●4G	●4G	●4G	●4G
OTA upgrade	●	●	●	●

Mobile APP remote function	<ul style="list-style-type: none"> ●Door control ●Vehicle start ●Charging management ●Air conditioning control ●Seat heating ●Vehicle status inquiry/diagnosis ●Vehicle positioning/car search 	<ul style="list-style-type: none"> ●Door control ●Vehicle start ●Charging management ●Air conditioning control ●Seat heating ●Vehicle status inquiry/diagnosis ●Vehicle positioning/car search 	<ul style="list-style-type: none"> ●Door control ●Vehicle start ●Charging management ●Air conditioning control ●Seat heating ●Vehicle status inquiry/diagnosis ●Vehicle positioning/car search 	<ul style="list-style-type: none"> ●Door control ●Vehicle start ●Charging management ●Air conditioning control ●Seat heating ●Vehicle status inquiry/diagnosis ●Vehicle positioning/car search
Steering wheel/interior rearview mirror				
Steering wheel material	●Leather	●Leather	●Leather	●Leather
Steering wheel position adjustment	●Manual up and down + front and rear adjustment	●Manual up and down + front and rear adjustment	●Manual up and down + front and rear adjustment	●Manual up and down + front and rear adjustment
Shift pattern	●Electronic gear shift	●Electronic gear shift	●Electronic gear shift	●Electronic gear shift
Multifunction steering wheel	●	●	●	●
steering wheel gear shift	-	-	-	-
Steering wheel heating	-	●	-	●
steering wheel memory	-	-	-	-
Trip computer display screen	●Color	●Color	●Color	●Color
Full LCD instrument panel	●	●	●	●
LCD instrument size	●12.3 inches	●12.3 inches	●12.3 inches	●12.3 inches
AR-HUD augmented reality head-up display	-	●	-	●
Interior rearview mirror function	●Manual anti-dazzle	●Automatic anti-dazzle	●Manual anti-dazzle	●Automatic anti-dazzle
Charging in car				
Multimedia/charging interface	●USB	●USB	●USB	●USB
Number of USB/Type-C interfaces	●2 in the front row/2 in the back row	●2 in the front row/2 in the back row	●2 in the front row/3 in the back row	●2 in the front row/3 in the back row
220V/230V power supply	-	-	●	●

Mobile phone wireless charging function	-	●Front row	-	●Front row
Seat configuration				
seat material	●Imitation leather	●Imitation leather ● Genuine leather	●Imitation leather ● Genuine leather	●Imitation leather ● Genuine leather
Main seat adjustment method	●Front and back adjustment ● Backrest adjustment ● Height adjustment (4-way) ●Waist support (2-way)	●Front and back adjustment ● Backrest adjustment ● Height adjustment (4-way) ●Leg rest adjustment ● Waist support (4-way)	●Front and back adjustment ● Backrest adjustment ● Height adjustment (4-way) ●Leg rest adjustment ● Waist support (4-way)	●Front and back adjustment ● Backrest adjustment ● Height adjustment (4-way) ●Leg rest adjustment ● Waist support (4-way)
Secondary seat adjustment method	●Fore and aft adjustment ● Backrest adjustment	●Front and back adjustment ● Backrest adjustment ●Leg support adjustment ● Waist support (4-way)	●Front and back adjustment ● Backrest adjustment ●Leg support adjustment ● Waist support (4-way)	●Front and back adjustment ● Backrest adjustment ● Leg support adjustment ● Waist support (4-way)
Main/passenger seat electric adjustment	Main●/Deputy●	Main●/Deputy●	Main●/Deputy●	Main●/Deputy●
Front seat functions	●Heating	●Heating ● Ventilation ● Massage	●Heating ● Ventilation ● Massage	●Heating ● Ventilation ● Massage
Power seat memory function	-	●Driving position	●Driving position	●Driving position
Adjustable buttons for the passenger seat and rear row	-	●	●	●
Second row seat adjustment	●Backrest adjustment	●Backrest adjustment	●Backrest adjustment	●Backrest adjustment
Second row seat functions	-	●Heating	●Heating	●Heating
Second row independent seats	-	-	●	●
Third row seat adjustment	●Backrest adjustment	●Backrest adjustment	●Backrest adjustment	●Backrest adjustment
Electrically adjustable third row seats	-	●	●	●
Seat layout	●2-3-2	●2-3-2	●2-2-2	●2-2-2
Rear seats fold down	●Inverted proportions	●Inverted proportions	●Inverted proportions	●Inverted proportions

Electrically reclining rear seats	—	●	●	●
Front/rear center armrest	before●/after●	before●/after●	before●/after●	before●/after●
Rear cup holder	●	●	●	●
Audio/interior lighting				
Speaker brand name	●ALPINE Alpine	●ALPINE Alpine	●ALPINE Alpine	●ALPINE Alpine
Number of speakers	●10 speakers	●10 speakers	●10 speakers	●10 speakers
Car interior ambient lighting	●32 colors	●32 colors	●32 colors	●32 colors
Air conditioner/refrigerator				
Air conditioning temperature control method	●Automatic air conditioning	●Automatic air conditioning	●Automatic air conditioning	●Automatic air conditioning
Independent air conditioning in the rear	●	●	●	●
Rear seat air outlet	●	●	●	●
Temperature zone control	●	●	●	●
Car air purifier	●	●	●	●
In-car PM2.5 filter device	●	●	●	●
negative ion generator	●	●	●	●
Optional package				
Exterior color	Elegant black, Phantom Silver, Haoyue Gray, Black Seal Green, Blade Shadow White	Haoyue Gray, Blade Shadow White, Ink Seal Green, Elegant Black, Magic Speed Silver	Blade Shadow White, Elegant Black, Haoyue Grey, Phantom Silver, Ink Seal Green	Elegant black, bright moon gray, magic speed silver, black seal green, blade shadow white
interior color	Stardew Valley, Dark Night Lingying, Mo Xi Green Shadow	Stardew Valley, Dark Night Lingying	Stardew Valley, Dark Night Lingying, Mo Xi Green Shadow	Dark Night Lingying, Star Dew Guyu

Note: ●Standard ○ Optional — None