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Trumpchi GS8 2024 (dual-engine version) configuration sheet

	Trumpchi GS8 2024 Dual Engine Series 2.0TM Two-wheel drive Premium Edition	Trumpchi GS8 2024 Dual Engine Series 2.0TM Four-wheel Drive Premium Edition
Basic parameters		
Manufacturer level	GAC Passenger Car Medium SUV	GAC Passenger Car Medium SUV
Energy type	Gas-electric hybrid	Gas-electric hybrid
Environmental protection standards	Country VI	Country VI
time to market	2023.06	2023.06
Maximum power (kW)	-	-
Maximum torque (N·m)	-	-
engine	2.0T 190 horsepower L4	2.0T 190 horsepower L4
Motor (Ps)	182	237
gearbox	E-CVT continuously variable transmission	E-CVT continuously variable transmission
Length*width*height (mm)	5015*1950*1780	5015*1950*1780
Body structure	5-door, 7-seater SUV	5-door, 7-seater SUV
Maximum speed (km/h)	190	190
Official 0-100km/h acceleration (s)	-	6.9
NEDC comprehensive fuel consumption (L/100km)	5.3	5.8
WLTC comprehensive fuel consumption (L/100km)	5.96	6.33
Vehicle warranty	Five years or 150,000 kilometers	Five years or 150,000 kilometers
First owner warranty policy	-	-
Body		
Length (mm)	5015	5015
Width (mm)	1950	1950
Height (mm)	1780	1780
Wheelbase (mm)	2920	2920
Front wheelbase (mm)	1664	1664
Rear wheelbase (mm)	1676	1676
Minimum ground clearance with full load (mm)	150	150
Minimum ground clearance without load (mm)	190	190
Approach angle (°)	18	18
Departure angle (°)	twenty three	twenty three

Body structure	SUV	SUV
Car door opening method	swing door	swing door
Number of doors (number)	5	5
Number of seats (seats)	7	7
Fuel tank volume (L)	58	58
Trunk volume (L)	-	-
Curb weight (kg)	2045	2120
Maximum full load mass (kg)	2575	2650
Engine		
engine model	4B20J2	4B20J2
Displacement (mL)	1991	1991
Displacement (L)	2.0	2.0
Intake form	turbocharging	turbocharging
Engine layout	horizontal	horizontal
Cylinder arrangement	L	L
Number of cylinders (number)	4	4
Number of valves per cylinder (number)	4	4
Air Supply	DOHC	DOHC
Maximum horsepower (Ps)	190	190
Maximum power (kW)	140	140
Maximum power speed (rpm)	4500-5000	4500-5000
Maximum torque (N·m)	320	320
Maximum torque speed (rpm)	1500-5000	1500-5000
Maximum net power (kW)	140	140
Engine specific technology	-	-
fuel form	Gas-electric hybrid	Gas-electric hybrid
fuel grade	No. 92	No. 92
Fuel supply method	direct injection	direct injection
Cylinder head material	Aluminum alloy	Aluminum alloy
Cylinder material	Aluminum alloy	Aluminum alloy
Environmental protection standards	Country VI	Country VI
Electric motor		
Motor type	Permanent magnet/synchronous	Permanent magnet/synchronous
Total motor power (kW)	134	174
Total motor power (Ps)	-	-
Total torque of motor (N·m)	270	391
Maximum power of front electric motor (kW)	134	134
Maximum torque of front electric motor (N·m)	270	270
Maximum power of rear electric motor (kW)	-	40

Maximum torque of rear electric motor (N·m)	-	121
Number of drive motors	single motor	Dual motor
Motor layout	frontload	Front + rear
Battery Type	NiMH batteries	NiMH batteries
Battery energy (kWh)	-	-
Electricity consumption per 100 kilometers (kWh/100km)	-	-
Battery pack warranty	Eight years or 200,000 kilometers	Eight years or 200,000 kilometers
Fast charging function	-	-
Fast charging time (hours)	-	-
Slow charging time (hours)	-	-
Fast charging capacity (%)	-	-
Gearbox		
Number of gears	Continuously variable speed	Continuously variable speed
Gearbox type	Electronic continuously variable transmission (E-CVT)	Electronic continuously variable transmission (E-CVT)
abbreviation	E-CVT continuously variable transmission	E-CVT continuously variable transmission
Chassis steering		
Drive mode	Front wheel drive	Front four-wheel drive
four-wheel drive	-	Electric four-wheel drive
Center differential structure	-	-
Front suspension type	MacPherson independent suspension	MacPherson independent suspension
rear suspension type	Multi-link independent suspension	Multi-link independent suspension
Assist type	electric assist	electric assist
Body structure	Load-bearing	Load-bearing
Wheel brake		
Front brake type	ventilated disc	ventilated disc
rear brake type	ventilated disc	ventilated disc
Parking brake type	Electronic parking	Electronic parking
Front tire specifications	255/50 R20	255/50 R20
Rear tire specifications	255/50 R20	255/50 R20
Spare tire specifications	Not full size	Not full size
Passive safety		
Main/passenger seat airbag	Main●/Deputy●	Main●/Deputy●
Front/rear side airbags	Before●/After-	Before●/After-
Front/rear head airbags (curtain airbags)	before●/after●	before●/after●

knee air bag	-	-
Tire pressure monitoring function	●Tire pressure display	●Tire pressure display
Run-flat tires	-	-
Seat belt not fastened reminder	●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	●	●
Built-in driving recorder	●	●
roadside assistance call	●	●
Driving control		
Driving mode switch	●Sport ●Economy ●Standard/Comfortable	●Sport ●Economy ●Standard/Comfortable ●Off-road
energy recovery system	●	●
automatic parking	●	●
Hill assist	●	●
steep descent	●	●
Driving hardware		
Front/rear parking radar	before●/after●	before●/after●
Driving assistance images	●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
Assisted driving level	●L2	●L2
Reverse side warning system	●	●

satellite navigation system	●	●
Navigation traffic information display	●	●
map brand	●Gaode	●Gaode
Parallel assistance	●	●
Lane Keeping Assist System	●	●
Lane centering	●	●
Road traffic sign recognition	●	●
Automatic parking	-	-
Automatic lane change assist	-	-
Appearance/anti-theft		
Rim material	●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 ●Bluetooth key	●Remote key ●Bluetooth key
Keyless start system	●	●
Keyless entry function	●Front row	●Front row
Hidden electric door handle	●	●
Remote start function	●	●
Exterior lights		
low beam light source	●LED	●LED
high beam light source	●LED	●LED
Lighting features	●Matrix ●Geometric multi-beam	●Matrix ●Geometric multi-beam
LED daytime running lights	●	●
Adaptive high and low beam	●	●
automatic headlight	●	●
car front fog lights	-	-
Headlight height adjustable	●	●
Delayed turn off of headlights	●	●
Skylight/glass		
Skylight type	●The panoramic sunroof can be opened	●The panoramic sunroof can be opened
Front/rear electric windows	before●/after●	before●/after●

One-touch window lifting function	●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
rear wiper	●	●
Sensing wiper function	●Rain sensor type	●Rain sensor type
Exterior rearview mirror		
Exterior rearview mirror function	●Electric adjustment ● Electric folding ●Rearview mirror memory ●Heated rearview mirrors ●Automatically flip down when reversing ● Automatically fold when the car is locked	●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
Central control screen size	●14.6 inches	●14.6 inches
Bluetooth/car phone	●	●
Mobile phone interconnection/mapping	-	-
Voice recognition control system	●Multimedia system ● Navigation ●Telephone ●Air conditioning ●Sunroof	●Multimedia system ● Navigation ●Telephone ●Air conditioning ●Sunroof
gesture control	●	●
face recognition	●	●
Vehicle smart chip	●Qualcomm Snapdragon 8155	●Qualcomm Snapdragon 8155
Voice wake word free	●	●
Voice area wake-up recognition	●Single area	●Single area
Speech continuous recognition	●	●
Intelligent configuration		
Internet of Vehicles	●	●
4G/5G network	●4G	●4G
OTA upgrade	●	●
In-vehicle biometric monitoring system	-	-
Mobile APP remote function	●Door control ●Vehicle start ●Air conditioning control ● Seat heating ●Vehicle status inquiry/diagnosis ●Vehicle positioning/car search	●Door control ●Vehicle start ●Air conditioning control ● Seat heating ●Vehicle status inquiry/diagnosis ●Vehicle positioning/car search
Steering wheel/interior rearview mirror		

Steering wheel material	●Genuine leather	●Genuine leather
Steering wheel position 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
Multifunction steering wheel	●	●
steering wheel gear shift	-	-
Steering wheel heating	●	●
steering wheel memory	-	-
Trip computer display screen	●Color	●Color
Full LCD instrument panel	●	●
LCD instrument size	●12.3 inches	●12.3 inches
HUD heads up digital display	-	-
AR-HUD augmented reality head-up display	●	●
Interior rearview mirror function	●Automatic anti-dazzle	●Automatic anti-dazzle
Charging in car		
Multimedia/charging interface	●USB	●USB
Number of USB/Type-C interfaces	●2 people in the front row/2 people in the back row○2 people in the front row/3 people in the back row	●2 people in the front row/2 people in the back row○2 people in the front row/3 people in the back row
Mobile phone wireless charging function	●Front row	●Front row
Luggage compartment 12V power interface	●	●
Seat configuration		
seat material	●Imitation leather ●Genuine leather	●Imitation leather ●Genuine leather
Main seat adjustment method	●Front and back adjustment ●Backrest adjustment ●Height adjustment (4-way) ●Leg support adjustment ●Waist support (2-way) ○Waist support (4-way)	●Front and back adjustment ●Backrest adjustment ●Height adjustment (4-way) ●Leg support adjustment ●Waist support (2-way) ○Waist support (4-way)
Secondary seat adjustment method	●Front and rear adjustment ●Backrest adjustment○Leg support adjustment○Waist support (4-way)	●Front and rear adjustment ●Backrest adjustment○Leg support adjustment○Waist support (4-way)
Main/passenger seat electric adjustment	Main●/Deputy●	Main●/Deputy●
Front seat functions	●Heating ●Ventilation○Massage	●Heating ●Ventilation○Massage

Power seat memory function	●Driving position	●Driving position
Adjustable buttons for the passenger seat and rear row	○	○
Second row seat adjustment	●Fore and aft adjustment ● Backrest adjustment	●Fore and aft adjustment ● Backrest adjustment
Second row seat functions	○Heating	○Heating
Second row independent seats	○	○
Third row seat adjustment	●Backrest adjustment	●Backrest adjustment
Electrically adjustable third row seats	●	●
Seat layout	●2-3-2 ○2-2-2	●2-3-2 ○2-2-2
Rear seats fold down	●Inverted proportions	●Inverted proportions
Electrically reclining rear seats	●	●
Front/rear center armrest	before●/after●	before●/after●
Rear cup holder	●	●
Audio/interior lighting		
Speaker brand name	○ALPINE Alpine	●ALPINE Alpine
Number of speakers	●8 speakers○10 speakers	●10 speakers
Car interior ambient lighting	●32 colors	●32 colors
Air conditioner/refrigerator		
Air conditioning temperature control method	●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		
	Brand audio package (3000) Comfort package (luxury 6 seats) (4000)	Comfort package (luxury 6 seats) (4000)
Exterior color	Phantom Silver, Elegant Black, Haoyue Grey, Ink Seal Green, Blade Shadow White	Ink green, elegant black, bright moon gray, magic speed silver, blade shadow white
interior color	Dark Night Lingying, Dawn Star Diamond, Moxi Green Shadow	Ink Seal Green Shadow, Dark Night Lingying, Dawn Star Diamond

Note: ●Standard ○ Optional - None