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Voyah FREE configuration table

Basic parameters	Voyah FREE 2024 ultra-long battery life smart driving version
Basic parameters	
Manufacturer level	Lantu Automobile Medium and large SUV
Energy type	Extended range
Environmental protection standards	Country VI
time to market	2023.08
WLTC pure electric cruising range (km)	160
CLTC pure electric cruising range (km)	210
Fast charging time (hours)	0.43
Slow charging time (hours)	5.7
Fast charging percentage	30-80
Maximum power (kW)	360
Maximum torque (N·m)	720
engine	1.5T 150 horsepower L4
Motor (Ps)	490
gearbox	Electric vehicle single speed gearbox
Length*width*height (mm)	4905*1950*1645
Body structure	5-door, 5-seater SUV
Maximum speed (km/h)	200
Official 0-100km/h acceleration (s)	4.8
WLTC comprehensive fuel consumption (L/100km)	0.81
Minimum state of charge fuel consumption (L/100km)	6.69
Electric energy equivalent fuel consumption (L/100km)	2.38

Vehicle warranty	Five years or 100,000 kilometers
First owner warranty policy	-
Body	
Length (mm)	4905
Width (mm)	1950
Height (mm)	1645
Wheelbase (mm)	2960
Front wheelbase (mm)	1654
Rear wheelbase (mm)	1647
Minimum ground clearance with full load (mm)	213
Approach angle (°)	18
Departure angle (°)	25
Minimum turning radius (m)	5.75
Body structure	SUV
Car door opening method	swing door
Number of doors (number)	5
Number of seats (seats)	5
Fuel tank volume (L)	56
Trunk volume (L)	560-1320
Curb weight (kg)	2270
Maximum full load mass (kg)	2655
Engine	
engine model	DAM15NTDE
Displacement (mL)	1499
Displacement (L)	1.5
Intake form	turbocharging
Engine layout	horizontal
Cylinder arrangement	L
Number of cylinders (number)	4
Number of valves per cylinder (number)	4
Air Supply	DOHC
Maximum horsepower (Ps)	150
Maximum power (kW)	110

Maximum power speed (rpm)	5500
Maximum torque (N • m)	220
Maximum torque speed (rpm)	2500-4000
Maximum net power (kW)	110
fuel form	Extended range
fuel grade	No. 95
Fuel supply method	direct injection
Cylinder head material	Aluminum alloy
Cylinder material	Aluminum alloy
Environmental protection standards	Country VI
Electric motor	
Motor type	Permanent magnet/synchronous
Total motor power (kW)	360
Total motor power (Ps)	490
Total torque of motor (N • m)	720
Maximum power of front electric motor (kW)	160
Maximum torque of front electric motor (N • m)	310
Maximum power of rear electric motor (kW)	200
Maximum torque of rear electric motor (N • m)	410
Number of drive motors	Dual motor
Motor layout	Front + rear
Battery Type	Ternary lithium battery
Battery brand	CATL/Hive Energy
Battery cooling method	liquid cooling
Exchange battery	not support
WLTC pure electric cruising range (km)	160
CLTC pure electric cruising range (km)	210
Battery energy (kWh)	39.2

Battery energy density (Wh/kg)	155.1
Electricity consumption per 100 kilometers (kWh/100km)	twenty one
Battery pack warranty	Eight years or 120,000 kilometers
Fast charging function	-
Fast charging time (hours)	0.43
Slow charging time (hours)	5.7
Fast charging capacity (%)	30-80
Gearbox	
Number of gears	1
Gearbox type	fixed ratio gearbox
abbreviation	Electric vehicle single speed gearbox
Chassis steering	
Drive mode	Dual motor four-wheel drive
four-wheel drive	Electric four-wheel drive
Center differential structure	-
Front suspension type	Double wishbone independent suspension
rear suspension type	Multi-link independent suspension
Assist type	electric assist
Body structure	Load-bearing
Wheel brake	
Front brake type	ventilated disc
rear brake type	ventilated disc
Parking brake type	Electronic parking
Front tire specifications	255/45 R20
Rear tire specifications	255/45 R20
Spare tire specifications	none
Passive safety	
Main/passenger seat airbag	Main●/Deputy●
Front/rear side airbags	Before●/After-
Front/rear head airbags (curtain airbags)	before●/after●

Tire pressure monitoring function	●Tire pressure display
Run-flat tires	-
Seat belt not fastened reminder	●Front 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	●
Sentry mode/clairvoyance	●
Low speed warning	●
Built-in driving recorder	●
Driving control	
Driving mode switch	●Sports ●Economy ●Standard/comfortable ●Off-road ●Snow ● Customized/personalized
energy recovery system	●
automatic parking	●
Hill assist	●
steep descent	●
Variable suspension function	●Suspension height adjustment
air suspension	●
Driving hardware	
Front/rear parking radar	before●/after●

Driving assistance images	●360-degree panoramic image
Transparent chassis/540 degree image	●
Chip total computing power	●16 TOPS
Number of cameras	●10 pieces
Ultrasonic radar quantity	●12 pieces
Millimeter wave radar quantity	●5 pieces
Driving function	
cruise system	●Full-speed adaptive cruise
Assisted driving level	●L2
Reverse side warning system	●
satellite navigation system	●
Navigation traffic information display	●
map brand	●Baidu
HD map	●
Parallel assistance	●
Lane Keeping Assist System	●
Road traffic sign recognition	●
Automatic parking	●
remote control parking	○
memory parking	○
Automatic lane change assist	○
Automatic ramp exit (entry)	○
Traffic light identification	○
Start reminder	●
Appearance/anti-theft	
Rim material	●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
Keyless start system	●
Keyless entry function	●The whole car
Hidden electric door handle	●
Remote start function	●
Battery preheating	●
external discharge	●
Exterior lights	
low beam light source	●LED
high beam light source	●LED
Lighting features	●Matrix
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 cannot be opened
Light-sensing awning	○
Front/rear electric windows	before●/after●
One-touch window lifting function	●The whole car
Window anti-pinch function	●
Multilayer soundproof glass	●Front row
Rear side privacy glass	●
Car vanity mirror	●Main driver + lighting ●Co-pilot + lighting
rear wiper	●
Sensing wiper function	●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
Screen/system	
Central control color screen	●Touch LCD screen
Central control screen size	●12.3 inches
Passenger entertainment screen	●12.3 inches
Central control LCD screen split screen display	●
Bluetooth/car phone	●
Mobile phone interconnection/mapping	●Support HiCar
Voice recognition control system	●Multimedia system ●Navigation ●Telephone
gesture control	●
face recognition	●
Voiceprint recognition	●
Vehicle smart chip	●Qualcomm Snapdragon 8155
rear LCD screen	●
Vehicle system memory (GB)	●16
Vehicle system storage (GB)	●128
Multi-finger flying screen control	●
Voice wake word free	●
Voice area wake-up recognition	●Four areas
Speech continuous recognition	●
It can be said that it is visible	●
Intelligent configuration	
Internet of Vehicles	●
4G/5G network	●5G
OTA upgrade	●
Wi-Fi hotspot	●
In-vehicle biometric monitoring system	●

Mobile APP remote function	<ul style="list-style-type: none"> ● Door control ● Vehicle start ● Charging management ● Air conditioning control ● Vehicle condition inquiry/diagnosis ● Vehicle positioning/finding ● Car owner services (find charging piles, gas stations, parking lots, etc.) ● Appointment for maintenance/repair
Active noise reduction	●
Car KTV	●
Steering wheel/interior rearview mirror	
Steering wheel material	●Leather
Steering wheel position adjustment	●Manual up and down + front and rear adjustment
Shift pattern	●Electronic gear shifting
Multifunction steering wheel	●
steering wheel gear shift	-
Steering wheel heating	-
steering wheel memory	-
Trip computer display screen	●Color
Full LCD instrument panel	●
LCD instrument size	●12.3 inches
Interior rearview mirror function	●Automatic anti-dazzle
Charging in car	
Multimedia/charging interface	●USB ●Type-C
Number of USB/Type-C interfaces	●2 in the front row/2 in the back row
Mobile phone wireless charging function	●Front row
Luggage compartment 12V power interface	●
Seat configuration	
seat material	●Leather/fleece material mix and match
Main seat adjustment method	<ul style="list-style-type: none"> ●Front and back adjustment ●Backrest adjustment ●Height adjustment (4-way) ●Waist support (4-way)

Secondary seat adjustment method	●Front and back adjustment ●Backrest adjustment ●Height adjustment (4-way) ●Waist support (4-way)
Main/passenger seat electric adjustment	Main●/Deputy●
Front seat functions	●Heating ●Ventilation ●Massage
Power seat memory function	●Driving position
Adjustable buttons for the passenger seat and rear row	-
Second row seat adjustment	-
Rear seats fold down	●Inverted proportions
Front/rear center armrest	before●/after●
Rear cup holder	●
Audio/interior lighting	
Speaker brand name	●Dynaudio Dynaudio
Number of speakers	●10 speakers
Car interior ambient lighting	●64 colors
Air conditioner/refrigerator	
Air conditioning temperature control method	●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	●
Car fragrance device	●
Optional package	
	Car charger (6999) Apollo pilot assisted smart driving (25000)
Exterior color	Xuanying Black, Glazed Gold, Dark Green, Du Ruobai, Yunguang Blue
Interior color	red/beige, beige/brown, black/blue

Note: ●Standard ○ Optional - None