

Vehicle Detail Report

Voyah Free 2024 Super Long Endurance Smart Driving Edition

Basic Information

Brand	Voyah
Mileage	42,900 km
Color	White
First Registration	2024-01-01
Transfer Count	0

Vehicle Images





Vehicle Condition

1. Right rear fender, Paint repair, Bodywork repair, Welding marks.

Configuration Information

Model Information

Model Name	Voyah Free 2024 Ultra-Long Range Intelligent Driving Version
Launch Date	2023.08

Basic parameters

Vehicle Class	Mid-size and large SUVs
Energy Type	Extended Range Electric Vehicle (EREV)
Maximum Power (kW)	110
Maximum Torque (N·m)	220
Transmission	Electric vehicle single speed gearbox
Body Type	SUV
Engine	1.5L 150 hp L4
Dimensions (L×W×H) (mm)	4905*1950*1645

Basic parameters (continued)

Official 0-100 km/h Acceleration (s)	4.8
Top Speed (km/h)	200
Curb Weight (kg)	2270
Maximum Gross Weight (kg)	2655
Fast Charging Time (h)	0.43
Slow Charging Time (h)	5.7
Electric Motor (PS)	490
Fast Charging Range (%)	30-80
Electricity Consumption in Fuel Equivalent (L/100km)	2.38
WLTC Electric Range (km)	160
Fuel Consumption with Depleted Battery (L/100km)	6.69
WLTP Combined Fuel Consumption (L/100km)	0.81
CLTC Electric Range (km)	210

engine

Engine Model	DAM15NTDE
Displacement (mL)	1499
Displacement (L)	1.5
Induction Type	Turbocharging
Cylinder Arrangement	L
Number of Cylinders	4
Valves per Cylinder	4
Valve Train	DOHC
Maximum Power (PS)	150
Max Power Speed (rpm)	5500
Max Torque Speed (rpm)	2500-4000
Maximum net power (kW)	110
Fuel Grade	95.
Fuel Delivery System	Direct injection
Cylinder Head Material	Aluminum alloy

engine (continued)

Cylinder Block Material	Aluminum alloy
Engine layout	Horizontal

Electric Motor

Motor Type	Permanent magnet/synchronous
Total Electric Motor Power (kW)	360
Total Electric Motor Torque (N·m)	720
Front Electric Motor Max Power (kW)	160
Front Electric Motor Max Torque (N·m)	310
Number of drive motors	Dual motors
Motor Layout	Front-mounted Rear-mounted
Battery Type	Ternary lithium battery
Battery Capacity (kWh)	39.2
Total Electric Motor Power (PS)	490
Rear Electric Motor Max Power (kW)	200
Rear Electric Motor Max Torque (N·m)	410
Battery Cell Brand	Contemporary Amperex Technology Co. Limited (CATL)
Battery Cooling System	Liquid cooling
Battery energy density (Wh/kg)	155.1
Power consumption per 100 kilometers (kWh/100km)	21
Battery Replacement	Not supported
Slow charging port location	Rear left side of the car
Rear motor model	TZ220XSP01
Fast charging port location	Rear left side of the car
External AC discharge power (kW)	3.6
Minimum allowable value of external discharge (%)	10

Electric Motor (continued)

Front motor model	TZ200XSP10
Battery unique technology	Amber Battery System/Mica Battery System
CLTC comprehensive endurance (km)	1201

Screen/System

Central control color screen	<ul style="list-style-type: none">• Touch LCD screen
Infotainment Screen Size	<ul style="list-style-type: none">• 12.3 inches
Bluetooth/In-car Phone	<ul style="list-style-type: none">•
Smartphone Integration/Mirroring	<ul style="list-style-type: none">• Support HUAWEI HiCar
Voice recognition control system	<ul style="list-style-type: none">• Multimedia system;• Navigation;• Telephone
Voice wake-up recognition by region	<ul style="list-style-type: none">• Four areas
Rear LCD screen	<ul style="list-style-type: none">•
Facial Recognition	<ul style="list-style-type: none">•
Vehicle system storage (GB)	<ul style="list-style-type: none">•128
Central control screen resolution	<ul style="list-style-type: none">•1920x720
Central control screen pixel density	<ul style="list-style-type: none">•167PPI
Passenger entertainment screen size	<ul style="list-style-type: none">• 12.3 inches
Passenger screen resolution	<ul style="list-style-type: none">•1920x720
Passenger screen pixel density	<ul style="list-style-type: none">•167PPI
Voice assistant wake-up word	<ul style="list-style-type: none">• Hi, Arashito
Voice wake-up word-free	<ul style="list-style-type: none">•
Continuous speech recognition	<ul style="list-style-type: none">•
See and Say	<ul style="list-style-type: none">•
Car Intelligent Chip	<ul style="list-style-type: none">• Qualcomm Snapdragon 8155
Multi-finger flying screen control	<ul style="list-style-type: none">•

Screen/System (continued)

Vehicle system memory (GB)	•16
Number of rear multimedia screens	• 1
Central control LCD screen split screen display	•
Gesture Control	•
Voiceprint Recognition	•

Body

Length (mm)	4905
Width (mm)	1950
Height (mm)	1645
Wheelbase (mm)	2960
Front Track (mm)	1654
Rear Track (mm)	1647
Ground Clearance (Fully Loaded) (mm)	213
Door Opening Type	swing door
Number of Doors	5
Number of Seats	5
Fuel Tank Capacity (L)	56
Trunk volume (L)	560-1320
Drag Coefficient (Cd)	-
Approach Angle (°)	18
Departure Angle (°)	25
Minimum Turning Radius (m)	5.75

Gearbox

Abbreviation	Electric vehicle single speed gearbox
Number of Gears	1
Transmission Type	Fixed Gear Ratio Transmission

Chassis steering

Drive Type	Dual-motor All-wheel Drive
Four-wheel drive	Electric four-wheel drive

Chassis steering (continued)

Front Suspension Type	Double wishbone independent suspension
Rear Suspension Type	Multi-link independent suspension
Power Steering Type	Electric power assistance
Vehicle structure	bearing type

Seat Configuration

Seat Material	<ul style="list-style-type: none">• Leather/suede mix and match
Main seat adjustment	<ul style="list-style-type: none">• Front and rear adjustment;• Backrest adjustment;• Height adjustment (4-way);• Lumbar support (4-way)
Co-seat adjustment method	<ul style="list-style-type: none">• Front and rear adjustment;• Backrest adjustment;• Height adjustment (4-way);• Lumbar support (4-way)
Electric adjustment of driver's seat and passenger seat	Main •/Deputy •
Front seat functions	<ul style="list-style-type: none">• Heating;• Ventilation;• Massage
Electric seat memory function	<ul style="list-style-type: none">• Driving position
Front passenger seat rear adjustable buttons	-
Rear seat folding	<ul style="list-style-type: none">• Proportional down
Front/rear center armrest	Front •/Rear •
Rear cup holder	<ul style="list-style-type: none">•

Active safety

Anti-lock Braking System (ABS)	<ul style="list-style-type: none">•
Electronic Brakeforce Distribution (EBD/CBC)	<ul style="list-style-type: none">•
Brake Assist System (EBA/BAS/BA)	<ul style="list-style-type: none">•
Traction Control System (ASR/TCS/TRC)	<ul style="list-style-type: none">•
Electronic Stability Control (ESC/ESP/DSC)	<ul style="list-style-type: none">•
Tire Pressure Monitoring System (TPMS)	<ul style="list-style-type: none">• Tire pressure display
Seat Belt Reminder	<ul style="list-style-type: none">• Front row
ISOFIX Child Seat Anchors	<ul style="list-style-type: none">•

Active safety (continued)

Lane Departure Warning System (LDWS)	•
Autonomous Emergency Braking (AEB)	•
Driver Fatigue Detection	•
Forward Collision Warning (FCW)	•
Rear Collision Warning	•
Low Speed Alert	•
Built-in Dashcam	•
Door Opening Warning (DOW)	•
Sentry Mode	•

Air conditioning/refrigerator

Air conditioning temperature control method	• Automatic air conditioning
Rear Independent Climate Control	-
Rear seat air vents	•
Temperature zone control	•
Car air purifier	•
In-cabin PM2.5 Filter	•
Car fragrance device	•
Air quality monitoring	•

Passive safety

Driver/passenger airbag	Main •/Deputy •
Front/rear side airbags	Front •/Rear-
Front/rear head airbags (curtain airbags)	Front •/Rear •

Wheel brake

Front Brake Type	Ventilation disc
Rear Brake Type	Ventilation disc
Parking brake type	Electronic Parking
Front Tire Size	255/45 R20
Rear Tire Size	255/45 R20
Spare Tire Size	None

Audio/Interior Lighting

Audio/Interior Lighting (continued)

Speaker Brand Name	•Dynaudio
Number of speakers	• 10 speakers
Interior ambient lighting	• 64 colors
Active ambient lighting	•

Driving functions

Navigation traffic information display	•
Lane assist	•
Lane Keeping Assist System	•
Cruise control system	• Full speed adaptive cruise
Satellite navigation system	•
Driving assistance level	•L2
Rear Cross Traffic Alert	•
Road traffic sign recognition	•
Map Brand	• Baidu
Remote Parking	○
High-precision map	•
Memory Parking	○
Traffic light recognition	○
Start reminder	•
Parking Assist	•
Lane Change Assist	○
Automatic Ramp Entry/Exit Assist	○

Exterior lighting

Low beam light source	•LED
High beam light source	•LED
LED daytime running lights	•
Adaptive high and low beam	•
Automatic headlights	•
Height-adjustable headlights	•

Exterior lighting (continued)

Headlight Delay Off	<ul style="list-style-type: none">•
Lighting features	<ul style="list-style-type: none">• Matrix

Exterior mirrors

Exterior mirror function	<ul style="list-style-type: none">•Electric adjustment;•Electric folding;•Rearview mirror memory;•Rearview mirror heating;•Automatically turn down when reversing;•Automatically fold when locking the car
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Appearance/anti-theft

Rim material	<ul style="list-style-type: none">• Aluminum alloy
Electric trunk	<ul style="list-style-type: none">•
Electronic engine immobilizer	<ul style="list-style-type: none">•
Central locking system in the car	<ul style="list-style-type: none">•
Key Type	<ul style="list-style-type: none">• Remote key;• Bluetooth key
Keyless start system	<ul style="list-style-type: none">•
Keyless entry function	<ul style="list-style-type: none">• Full car
Hands-free Trunk	<ul style="list-style-type: none">•
Electric trunk position memory	<ul style="list-style-type: none">•
Roof rack	<ul style="list-style-type: none">•
Remote start function	<ul style="list-style-type: none">•
Battery preheating	<ul style="list-style-type: none">•
Hidden electric door handle	<ul style="list-style-type: none">•
Discharge to the outside	<ul style="list-style-type: none">•

Skylight/Glass

Sunroof Type	<ul style="list-style-type: none">• Panoramic sunroof can be opened;○ Panoramic sunroof cannot be opened (USD 1,912)
Front/rear electric windows	Front <ul style="list-style-type: none">• /Rear <ul style="list-style-type: none">•
One-touch window lifting function	<ul style="list-style-type: none">• Full car
Window anti-pinch function	<ul style="list-style-type: none">•
Car makeup mirror	<ul style="list-style-type: none">• Main driver's lamp;• co-pilot's lamp

Skylight/Glass (continued)

Rear wiper	<ul style="list-style-type: none">•
Rain sensor wiper function	<ul style="list-style-type: none">• Rainfall-sensing
Rear side privacy glass	<ul style="list-style-type: none">•
Side window multi-layer soundproof glass	<ul style="list-style-type: none">• Front row
Light-sensitive skylight	○

Interior and exterior color

Exterior Color	Xuanying, Black:#000000, Ryukuang Gold:#6D6054; Dai Green:#63837B; Du Ruo, White:#FFFFFF, Cloud Blue:#A0BFDC
Interior Color	Red, Beige, #A03C3C/#F0FAFA, Beige, Brown, #C7B29A/#AE6136, Black, Blue, #000000/#354666

Steering wheel/interior mirror

Steering Wheel Material	<ul style="list-style-type: none">• Cortex
Steering wheel position adjustment	<ul style="list-style-type: none">• Manual up and down front and rear adjustment
Multi-function steering wheel	<ul style="list-style-type: none">•
Heated Steering Wheel	-
Steering wheel memory	-
Trip computer display screen	<ul style="list-style-type: none">• Color
Full LCD instrument panel	<ul style="list-style-type: none">•
LCD instrument size	<ul style="list-style-type: none">• 12.3 inches
Interior rearview mirror function	<ul style="list-style-type: none">• Automatic anti-glare
Gear shifting	<ul style="list-style-type: none">• Electronic gear shift

Intelligent configuration

Connected Car Services	<ul style="list-style-type: none">•
OTA Updates	<ul style="list-style-type: none">•
4G/5G Network	<ul style="list-style-type: none">•5G

Intelligent configuration (continued)

Mobile APP remote function	<ul style="list-style-type: none">• Door control;• Vehicle start-up;• Charging management;• Air conditioning control;• Vehicle status inquiry/diagnostics;• Vehicle location/vehicle finding;• Owner services (locating charging stations, gas stations, parking lots, etc.);• Appointment for maintenance/repair
Active Noise Cancellation	<ul style="list-style-type: none">•
Wi-Fi hotspots	<ul style="list-style-type: none">•
In-vehicle Biometric Monitoring	<ul style="list-style-type: none">•
Car KTV	<ul style="list-style-type: none">•

Driving Control

Driving mode switch	<ul style="list-style-type: none">• Sport;• Economical;• Standard/Comfort;• Off-Road;• Snow;• Customize/Personalize
Automatic parking	<ul style="list-style-type: none">•
Steep slope descent	<ul style="list-style-type: none">•
Hill start assist	<ul style="list-style-type: none">•
Energy recovery system	<ul style="list-style-type: none">•
Variable suspension function	<ul style="list-style-type: none">• Suspension height adjustment
Air Suspension	<ul style="list-style-type: none">•

Driving Hardware

Front/rear parking radar	Front •/Rear •
Driving Assistance Camera System	<ul style="list-style-type: none">• 360-degree panoramic image
Front perception camera	<ul style="list-style-type: none">• Binocular
Number of cameras	<ul style="list-style-type: none">• 10
Number of ultrasonic radars	<ul style="list-style-type: none">• 12
Transparent chassis/540-degree imaging	<ul style="list-style-type: none">•
Millimeter wave radar quantity	<ul style="list-style-type: none">• 5
Assisted driving chip	<ul style="list-style-type: none">• Double TDA4
Total chip computing power	<ul style="list-style-type: none">•16 TOPS
Number of cameras in the car	<ul style="list-style-type: none">• 3

In-car charging

Multimedia/charging port	•USB;•Type-C
Number of USB/Type-C ports	• 2 in the front row/2 in the back row
Mobile phone wireless charging function	• Front row
Luggage compartment 12V power socket	•
USB/Type-C maximum charging power	•60W
Mobile phone wireless charging power	•50W

Optional Package

Optional Package	On-board charger (6999 yuan; Including: 11kw OBC on-board charger), Apollo Pilot Assisted Smart Driving (25000 yuan; Including: intelligent pilot assisted driving NOA (main road ramp), memory parking, remote control parking, intelligent avoidance in lane, automatic lane change, trigger lane change, speed limit sign recognition, emergency steering assistance, traffic signal reminder, emergency lane keeping, high-precision map (limited 10000 yuan))
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"●" = Standard equipment

"-" = Not available

"○" = Optional equipment.

Note: These are Chinese market vehicles. Warranty coverage is not available outside of China.