

# Vehicle Detail Report

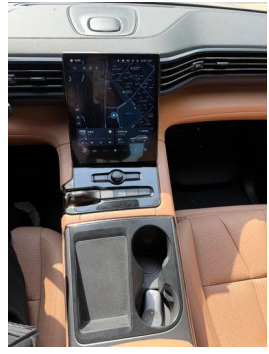
Weilai ES8 2020 450KM Six-seat version

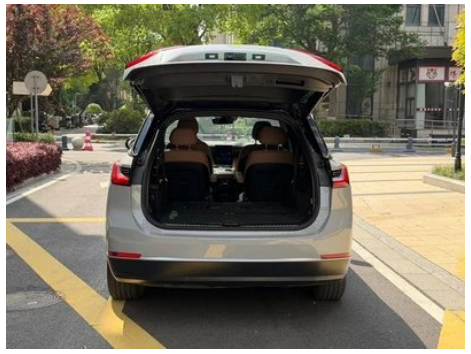
## Basic Information

Brand	NIO
Mileage	52,000 km
Color	Silver-gray
First Registration	2022-04-01
Transfer Count	1

## Vehicle Images







## Vehicle Condition

1. Rear body panel, Deformation, Cracking. 2. Spare wheel well, Deformation.

## Configuration Information

### Model Information

<b>Model Name</b>	Weilai ES8 2020 450KM Six-seat version
<b>Launch Date</b>	2021.09

### Basic parameters

<b>Vehicle Class</b>	Large SUV
<b>Energy Type</b>	Battery Electric Vehicle (BEV)
<b>Maximum Power (kW)</b>	400
<b>Maximum Torque (N·m)</b>	725
<b>Body Type</b>	SUV
<b>Dimensions (L×W×H) (mm)</b>	5022*1962*1756
<b>Official 0-100 km/h Acceleration (s)</b>	4.9
<b>Top Speed (km/h)</b>	200
<b>Curb Weight (kg)</b>	2425
<b>Maximum Gross Weight (kg)</b>	3099
<b>NEDC Electric Range (km)</b>	450
<b>Fast Charging Time (h)</b>	0.6
<b>Slow Charging Time (h)</b>	11.5
<b>Electric Motor (PS)</b>	544
<b>Fast Charging Range (%)</b>	80
<b>Electricity Consumption in Fuel Equivalent (L/100km)</b>	2

### Electric Motor

<b>Motor Type</b>	Front permanent magnet/synchronous rear AC/asynchronous
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## Electric Motor (continued)

<b>Total Electric Motor Power (kW)</b>	400
<b>Total Electric Motor Torque (N·m)</b>	725
<b>Front Electric Motor Max Power (kW)</b>	160
<b>Front Electric Motor Max Torque (N·m)</b>	305
<b>Number of drive motors</b>	Dual motors
<b>Motor Layout</b>	Front-mounted Rear-mounted
<b>Battery Type</b>	ternary lithium iron phosphate lithium battery
<b>Battery Capacity (kWh)</b>	75
<b>Total Electric Motor Power (PS)</b>	544
<b>Rear Electric Motor Max Power (kW)</b>	240
<b>Rear Electric Motor Max Torque (N·m)</b>	420
<b>Battery Cell Brand</b>	Contemporary Amperex Technology Co. Limited (Jiangsu Times)
<b>Battery Cooling System</b>	Liquid cooling
<b>Battery energy density (Wh/kg)</b>	142.1
<b>Power consumption per 100 kilometers (kWh/100km)</b>	17.7
<b>Fast charging function</b>	Support
<b>Battery Replacement</b>	Support

## Screen/System

<b>Central control color screen</b>	• Touch LCD screen
<b>Infotainment Screen Size</b>	•11.3 inches
<b>Bluetooth/In-car Phone</b>	•
<b>Voice recognition control system</b>	• Multimedia system; • Navigation; • Telephone; • Air conditioning; • Sunroof
<b>In-vehicle intelligent system</b>	•NOMI

## Body

## Body (continued)

<b>Length (mm)</b>	5022
<b>Width (mm)</b>	1962
<b>Height (mm)</b>	1756
<b>Wheelbase (mm)</b>	3010
<b>Front Track (mm)</b>	1668
<b>Rear Track (mm)</b>	1672
<b>Door Opening Type</b>	swing door
<b>Number of Doors</b>	5
<b>Number of Seats</b>	6
<b>Trunk volume (L)</b>	310-1901
<b>Drag Coefficient (Cd)</b>	0.29
<b>Approach Angle (°)</b>	20
<b>Departure Angle (°)</b>	20

## Gearbox

<b>Abbreviation</b>	Electric vehicle single speed gearbox
<b>Number of Gears</b>	1
<b>Transmission Type</b>	Fixed Gear Ratio Transmission

## Chassis steering

<b>Drive Type</b>	Dual-motor All-wheel Drive
<b>Four-wheel drive</b>	Electric four-wheel drive
<b>Front Suspension Type</b>	Double wishbone independent suspension
<b>Rear Suspension Type</b>	Multi-link independent suspension
<b>Power Steering Type</b>	Electric power assistance
<b>Vehicle structure</b>	bearing type

## Seat Configuration

<b>Seat Material</b>	<ul style="list-style-type: none"><li>• Leather</li></ul>
<b>Main seat adjustment</b>	<ul style="list-style-type: none"><li>• Front and rear adjustment;</li><li>• Backrest adjustment;</li><li>• Height adjustment (4-way);</li><li>• Lumbar support (4-way)</li></ul>
<b>Co-seat adjustment method</b>	<ul style="list-style-type: none"><li>• Front and rear adjustment;</li><li>• Backrest adjustment;</li><li>• Height adjustment (2-way);</li><li>• Leg rest adjustment;</li><li>• Lumbar support (4-way)</li></ul>

## Seat Configuration (continued)

<b>Electric adjustment of driver's seat and passenger seat</b>	Main •/Deputy •
<b>Front seat functions</b>	• Heating; ○ Ventilation; ○ Massage
<b>Electric seat memory function</b>	• driving position; • co-pilot position
<b>Front passenger seat rear adjustable buttons</b>	-
<b>Second row seat adjustment</b>	• Front and rear adjustment; • Backrest adjustment
<b>Rear seat folding</b>	• Proportional down
<b>Front/rear center armrest</b>	Front •/Rear •
<b>Rear cup holder</b>	•
<b>Second row seat functions</b>	○ Heating
<b>Seat Layout</b>	•2-2-2
<b>Second row independent seats</b>	•

## Active safety

<b>Anti-lock Braking System (ABS)</b>	•
<b>Electronic Brakeforce Distribution (EBD/CBC)</b>	•
<b>Brake Assist System (EBA/BAS/BA)</b>	•
<b>Traction Control System (ASR/TCS/TRC)</b>	•
<b>Electronic Stability Control (ESC/ESP/DSC)</b>	•
<b>Tire Pressure Monitoring System (TPMS)</b>	• Tire pressure display
<b>Seat Belt Reminder</b>	• Front row; • Second row
<b>ISOFIX Child Seat Anchors</b>	•
<b>Lane Departure Warning System (LDWS)</b>	•
<b>Autonomous Emergency Braking (AEB)</b>	•
<b>Driver Fatigue Detection</b>	•
<b>Forward Collision Warning (FCW)</b>	•

## Active safety (continued)

<b>Low Speed Alert</b>	•
<b>Emergency Call System (eCall)</b>	•
<b>Built-in Dashcam</b>	•
<b>Door Opening Warning (DOW)</b>	•
<b>Sentry Mode</b>	○

## Air conditioning/refrigerator

<b>Air conditioning temperature control method</b>	• Automatic air conditioning
<b>Rear Independent Climate Control</b>	•
<b>Rear seat air vents</b>	•
<b>Temperature zone control</b>	•
<b>Car air purifier</b>	•
<b>In-cabin PM2.5 Filter</b>	•
<b>Negative ion generator</b>	•
<b>Car fragrance device</b>	○
<b>Heat pump air conditioner</b>	•

## Passive safety

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

## Wheel brake

<b>Front Brake Type</b>	Ventilation disc
<b>Rear Brake Type</b>	Ventilation disc
<b>Parking brake type</b>	Electronic Parking
<b>Front Tire Size</b>	255/55 R19
<b>Rear Tire Size</b>	255/55 R19
<b>Spare Tire Size</b>	Tire repair tools

## Audio/Interior Lighting

<b>Number of speakers</b>	• 7 horn; ○ 12 horn
<b>Interior ambient lighting</b>	• 10 colors
<b>Touch reading light</b>	•

## Driving functions

## Driving functions (continued)

<b>Navigation traffic information display</b>	•
<b>Lane assist</b>	•
<b>Lane Keeping Assist System</b>	○
<b>Cruise control system</b>	• Cruise control; ○ Adaptive cruise control; ○ Full-speed adaptive cruise control
<b>Satellite navigation system</b>	•
<b>Driving assistance level</b>	○L2
<b>Rear Cross Traffic Alert</b>	○
<b>Lane centering</b>	○
<b>Road traffic sign recognition</b>	○
<b>Map Brand</b>	• Baidu
<b>Driver assistance systems</b>	• NIO Pilot;○ Alder · Alder · Alder
<b>Remote Summon</b>	○
<b>Parking Assist</b>	○
<b>Lane Change Assist</b>	○

## Exterior lighting

<b>Low beam light source</b>	•LED
<b>High beam light source</b>	•LED
<b>LED daytime running lights</b>	•
<b>Adaptive high and low beam</b>	○
<b>Automatic headlights</b>	•
<b>Front fog lights</b>	•LED
<b>Height-adjustable headlights</b>	•
<b>Headlight Delay Off</b>	•
<b>Turn signal lamp</b>	•

## Exterior mirrors

<b>Exterior mirror function</b>	• Electric adjustment; • Electric folding; • Rearview mirror memory; • Rearview mirror heating; • Automatic downturning when reversing; • Automatic folding when locked; ○ Automatic anti-glare
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## Appearance/anti-theft

<b>Rim material</b>	• Aluminum alloy
<b>Electric trunk</b>	•
<b>Central locking system in the car</b>	•
<b>Key Type</b>	• Remote key; • Bluetooth key; • NFC/RFID key
<b>Keyless start system</b>	•
<b>Keyless entry function</b>	• Full car
<b>Hands-free Trunk</b>	•
<b>Electric trunk position memory</b>	•
<b>Roof rack</b>	•
<b>Remote start function</b>	•
<b>Battery preheating</b>	•
<b>Active closed grille</b>	•
<b>Hidden electric door handle</b>	•

## Skylight/Glass

<b>Sunroof Type</b>	• Openable panoramic sunroof
<b>Front/rear electric windows</b>	Front •/Rear •
<b>One-touch window lifting function</b>	• Full car
<b>Window anti-pinch function</b>	•
<b>Car makeup mirror</b>	• Main driver's lamp; • co-pilot's lamp
<b>Rear wiper</b>	•
<b>Rain sensor wiper function</b>	• Rainfall-sensing
<b>Rear side privacy glass</b>	•
<b>Side window multi-layer soundproof glass</b>	• Front row

## Interior and exterior color

<b>Exterior Color</b>	Aurora green:#616B5F; Aurora brown:#695547; Antarctic star blue:#282D55; Deep space black:#000000; Star ash:#939395; Clouds white:#FFFFFF
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## Interior and exterior color (continued)

<b>Interior Color</b>	Black/Urban Brown:#000000/ #A78671; Black/Speed Grey:#000000/#D0D0; Technology Black:#000000
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## Steering wheel/interior mirror

<b>Steering Wheel Material</b>	• Leather
<b>Steering wheel position adjustment</b>	• Electric up and down front and rear adjustment
<b>Multi-function steering wheel</b>	•
<b>Heated Steering Wheel</b>	○
<b>Steering wheel memory</b>	•
<b>Trip computer display screen</b>	• Color
<b>Full LCD instrument panel</b>	•
<b>LCD instrument size</b>	•9.8 inches
<b>Interior rearview mirror function</b>	• Automatic anti-glare
<b>Gear shifting</b>	• Electronic gear shift
<b>HUD Head Up Digital Display</b>	○

## Intelligent configuration

<b>Connected Car Services</b>	•
<b>OTA Updates</b>	•
<b>4G/5G Network</b>	•4G;○5G
<b>Mobile APP remote function</b>	• 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.)
<b>Wi-Fi hotspots</b>	•

## Driving Control

<b>Driving mode switch</b>	• Sports; • Economy; • Standard/Comfort; • Snow; • Custom/Personalized
<b>Automatic parking</b>	•
<b>Steep slope descent</b>	•
<b>Hill start assist</b>	•
<b>Energy recovery system</b>	•

## Driving Control (continued)

<b>Variable suspension function</b>	<ul style="list-style-type: none"><li>• Suspension soft and hard adjustment;</li><li>• Suspension height adjustment</li></ul>
<b>Air Suspension</b>	<ul style="list-style-type: none"><li>•</li></ul>

## Driving Hardware

<b>Front/rear parking radar</b>	Front •/Rear •
<b>Driving Assistance Camera System</b>	<ul style="list-style-type: none"><li>• 360-degree panoramic image</li></ul>
<b>Number of cameras</b>	<ul style="list-style-type: none"><li>•9 pieces</li></ul>
<b>Number of ultrasonic radars</b>	<ul style="list-style-type: none"><li>• 12</li></ul>
<b>Transparent chassis/540-degree imaging</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Millimeter wave radar quantity</b>	<ul style="list-style-type: none"><li>• 5</li></ul>
<b>Assisted driving chip</b>	<ul style="list-style-type: none"><li>•Mobileye EyeQ4</li></ul>
<b>Total chip computing power</b>	<ul style="list-style-type: none"><li>•2.5 TOPS;○5 TOPS</li></ul>

## In-car charging

<b>Multimedia/charging port</b>	<ul style="list-style-type: none"><li>•USB</li></ul>
<b>Number of USB/Type-C ports</b>	<ul style="list-style-type: none"><li>• 2 in the front row/4 in the back row</li></ul>
<b>Mobile phone wireless charging function</b>	<ul style="list-style-type: none"><li>• Front row</li></ul>
<b>Luggage compartment 12V power socket</b>	<ul style="list-style-type: none"><li>•</li></ul>

## Optional Package

## Optional Package (continued)

### Optional Package

Weilai Battery (75kWh battery pack), Rental services (1 yuan; Including: car price minus 70000 yuan, monthly rent 728 yuan.), airglow orange calipers (3500 yuan; Including: Qi Hui Orange Caliper), Signature Design Set (USD 662; Including: custom signature board, custom badge), NOMI In-Car Artificial Intelligence System (4900 yuan; contains: NOMI Mate 2.0), Advanced Surround Sound System (USD 882; including: 12-speaker surround sound system, 6 personalized sound atmosphere modes), Enhanced Display Package (6500 yuan; Including: enhanced head-up display system (HUD), automatic anti-glare of exterior rearview mirrors), Comfortable Suit (7500 yuan; Including: steering wheel heating, second row seat heating, front seat ventilation, door sill pedal welcome light, intelligent fragrance system), Smart Cockpit Upgrade Package (9600 yuan; Including: Alder · Alder · Alyang, Weilai Intelligent System), Smart Cockpit Upgrade Package 5G (12600 yuan; Including: Weilai Intelligent System Alder · Alder · Alyang, 5G High Performance Central Gateway), NIO Pilot Select Pack (USD 2,206; Including: adaptive cruise (ACC), visual fusion automatic parking system (S-APA with Fusion), Automatic road hold (LKA), rear incoming warning (CTA-R), incoming warning-active braking (CTA-B), dynamic instrument interface and lane automatic simulation (ALS), automatic far and near light control (AHB)), Nappa Premium Interior Package (32000 yuan; Including: front seat massage, advanced Nappa perforated leather seats, advanced Nappa leather interior covering, Microfiber ultra-fiber velvet ceiling), NIO Pilot Full Pack (39000 yuan; Including: NIO Pilot Select Package, Auto-Assisted Navigation Driving (NOP), High Speed Auto-Assisted Driving (Highway Pilot), Congestion Auto-Assisted Driving (Traffic Jam Pilot), Turn Signal Control lane change (ALC), Driver Fatigue Warning (DDW), Automatic Vehicle

Call (NS), Road Sign Recognition  
(TSR), Automatic Speed Limit  
Adjustment (ISA), Front Side  
Incoming Warning (CTA-F))

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"●" = Standard equipment

"□" = Not available

"○" = Optional equipment.

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