

Vehicle Detail Report

Weilai ES6 2020 600KM Sports version

Basic Information

Brand	NIO
Mileage	87,000 km
Color	Dark gray
First Registration	2021-04-01
Transfer Count	0

Vehicle Images







Vehicle Condition

1. Right front door, Paint repair. 2. Left rear fender, Paint repair. 3. Rear windshield, Replaced.

Configuration Information

Model Information

Model Name	ES6 2020 600KM Sports Edition
Launch Date	2020.05

Basic parameters

Vehicle Class	Mid-size SUV
Energy Type	Battery Electric Vehicle (BEV)
Maximum Power (kW)	320
Maximum Torque (N·m)	610
Body Type	SUV
Dimensions (L×W×H) (mm)	4850*1965*1758
Official 0-100 km/h Acceleration (s)	5.6
Top Speed (km/h)	200
Curb Weight (kg)	2310
Maximum Gross Weight (kg)	2800
NEDC Electric Range (km)	600
Fast Charging Time (h)	0.8
Slow Charging Time (h)	14
Electric Motor (PS)	435
Fast Charging Range (%)	80
Electricity Consumption in Fuel Equivalent (L/100km)	1.97

Electric Motor

Motor Type	Permanent magnet/synchronous
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Electric Motor (continued)

Total Electric Motor Power (kW)	320
Total Electric Motor Torque (N·m)	610
Front Electric Motor Max Power (kW)	160
Front Electric Motor Max Torque (N·m)	305
Number of drive motors	Dual motors
Motor Layout	Front-mounted Rear-mounted
Battery Type	Ternary lithium battery
Battery Capacity (kWh)	100
Total Electric Motor Power (PS)	435
Rear Electric Motor Max Power (kW)	160
Rear Electric Motor Max Torque (N·m)	305
Battery Cell Brand	Contemporary Amperex Technology Co. Limited (Jiangsu Times)
Battery Cooling System	Liquid cooling
Battery energy density (Wh/kg)	185.44
Power consumption per 100 kilometers (kWh/100km)	17.4
Fast charging function	Support
Battery Replacement	Support

Screen/System

Central control color screen	<ul style="list-style-type: none">• Touch LCD screen
Infotainment Screen Size	<ul style="list-style-type: none">•11.3 inches
Bluetooth/In-car Phone	<ul style="list-style-type: none">•
Voice recognition control system	<ul style="list-style-type: none">• Multimedia system;• Navigation;• Telephone;• Air conditioning;• Sunroof
In-vehicle intelligent system	<ul style="list-style-type: none">•NOMI

Body

Length (mm)	4850
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Body (continued)

Width (mm)	1965
Height (mm)	1758
Wheelbase (mm)	2900
Front Track (mm)	1668
Rear Track (mm)	1672
Door Opening Type	swing door
Number of Doors	5
Number of Seats	5
Trunk volume (L)	584-1433
Drag Coefficient (Cd)	0.29
Approach Angle (°)	17
Departure Angle (°)	20

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
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	<input type="radio"/> Genuine leather; <input checked="" type="radio"/> Imitation leather
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-to-back adjustment;• Backrest adjustment;• Height adjustment (2-way);<input type="radio"/> Leg rest adjustment;• Lumbar support (4-way)

Seat Configuration (continued)

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

Active safety

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

Active safety (continued)

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	•
Negative ion generator	•
Car fragrance device	○
Heat pump air conditioner	•

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	255/55 R19
Rear Tire Size	255/55 R19
Spare Tire Size	Tire repair tools

Audio/Interior Lighting

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

Driving functions

Navigation traffic information display	•
Lane assist	•

Driving functions (continued)

Lane Keeping Assist System	○
Cruise control system	• Cruise control; ○ Adaptive cruise control; ○ Full-speed adaptive cruise control
Satellite navigation system	•
Driving assistance level	○L2
Rear Cross Traffic Alert	○
Lane centering	○
Road traffic sign recognition	○
Map Brand	• Baidu
Driver assistance systems	•NIO Pilot; ○Alder (USD 1,412)
Remote Summon	○
Parking Assist	○
Lane Change Assist	○

Exterior lighting

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

Exterior mirrors

Exterior mirror function	• 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

Rim material	• Aluminum alloy
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Appearance/anti-theft (continued)

Electric trunk	<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;• NFC/RFID 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">•
Active closed grille	<ul style="list-style-type: none">•
Hidden electric door handle	<ul style="list-style-type: none">•

Skylight/Glass

Sunroof Type	<ul style="list-style-type: none">• Openable panoramic sunroof
Front/rear electric windows	Front •/Rear •
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
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

Interior and exterior color

Interior and exterior color (continued)

Exterior Color	Star ash:#939395; Morning fog green:#AFEEDD; Mars red:#9C2D28; Antarctic star blue:#282D55; Deep space black:#000000; Sky blue:#85BFDC; Ostrothermal blue:#A6C7D3; Nebula purple (color downline):#800080; Cloud white:#FFFFFF; Aurora green:#616B5F; Starry blue (color offline: 1966)
Interior Color	Black/Speed Grey:#000000/#D0D0; Black/Urban Brown:#000000/#A78671; Technology Black:#000000

Steering wheel/interior mirror

Steering Wheel Material	<ul style="list-style-type: none">• Leather
Steering wheel position adjustment	<ul style="list-style-type: none">• Electric up and down front and rear adjustment
Multi-function steering wheel	<ul style="list-style-type: none">•
Heated Steering Wheel	<input type="radio"/>
Steering wheel memory	<ul style="list-style-type: none">•
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">•9.8 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
HUD Head Up Digital Display	<input type="radio"/>

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">•4G; <input type="radio"/>5G
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.)
Wi-Fi hotspots	<ul style="list-style-type: none">•

Driving Control

Driving mode switch	• Sport; • Economy; • Standard/Comfort; • Customization/Personalization
Automatic parking	•
Steep slope descent	•
Hill start assist	•
Energy recovery system	•
Variable suspension function	• Soft and hard adjustment of suspension

Driving Hardware

Front/rear parking radar	Front •/Rear •
Driving Assistance Camera System	• 360-degree panoramic image
Number of cameras	•9 pieces
Number of ultrasonic radars	• 12
Transparent chassis/540-degree imaging	•
Millimeter wave radar quantity	• 5
Assisted driving chip	•Mobileye EyeQ4
Total chip computing power	•2.5 TOPS;○5 TOPS
Number of cameras in the car	• 2

In-car charging

Multimedia/charging port	•USB
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	•

Optional Package

Optional Package (continued)

Optional Package

NIO Battery Rental Service (100kWh battery pack): USD 0.15 (includes a USD 18,824 reduction in the vehicle price and a monthly rental fee of USD 166). Aurora Orange Calipers (USD 515; includes: Aurora Orange Calipers); Signature Edition Design Package (USD 662; includes: custom signature plaque, custom badge); Premium Surround Sound System (USD 882; includes: 12-speaker surround sound system, 6 personalized sound ambiance modes); Enhanced Display Package (USD 956; includes: enhanced head-up display, auto-dimming exterior mirrors); Microfiber Ultrafine Cloth Headliner (USD 956; includes: microfiber ultrafine cloth headliner); Comfort Package (USD 1,103; includes: steering wheel heating, rear seat heating, front seat ventilation, intelligent fragrance system, illuminated door sill guards); Queen's Co-Pilot Seat (USD 1,250; includes: Queen's Co-Pilot Seat with electric leg rest and footrest, parent-child mode seating layout, extra-long co-driver seat slide rail); Intelligent Cabin Upgrade Package (USD 1,412; includes: NIO Pilot Alder system); Intelligent Cabin Upgrade Package with 5G (USD 1,853; includes: NIO Pilot Alder system, 5G high-performance central gateway); NIO Pilot Selected Package (USD 2,206; includes: Adaptive Cruise Control (ACC), Vision-Fusion Fully Automatic Parking Assist System (S-APA with Fusion), Lane Keeping Assist (LKA), Cross-Traffic Alert - Rear (CTA-R), Cross-Traffic Alert with Autonomous Emergency Braking (CTA-B), Dynamic Instrument Cluster and Lane Simulation (ALS), Auto High Beam (AHB)); Nappa Premium Interior Package (USD 3,676; includes: front-seat massage function, premium perforated Nappa leather seats, full Nappa leather interior trim, and a microfiber suede headliner); NIO

Pilot Full Package (USD 5,735; includes: NIO Pilot Select Package, Navigation-on-Pilot (NOP), Highway Pilot, Traffic Jam Pilot, Automatic Lane Change with Turn Signal Control (ALC), Driver Drowsiness Warning (DDW), Traffic Sign Recognition (TSR), Intelligent Speed Adaptation (ISA), and Front Cross-Traffic Alert (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.