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## NIO ES6 configuration sheet

	NIO ES6 2023 model 75kWh	NIO ES6 2023 model 100kWh	NIO ES6 2023 model 150kWh
<b>Basic parameters</b>			
Manufacturer	NIO	NIO	NIO
level	Medium SUV	Medium SUV	Medium SUV
Energy type	pure electric	pure electric	pure electric
time to market	2023.05	2023.05	-
NEDC pure electric cruising range (km)	-	-	-
CLTC pure electric cruising range (km)	490	625	930
Fast charging time (hours)	-	-	-
Slow charging time (hours)	-	-	-
Fast charging percentage	-	-	-
Maximum power (kW)	360	360	360
Maximum torque (N· m)	700	700	700
Motor (Ps)	490	490	490
Length*width*height (mm)	4854*1995*1703	4854*1995*1703	4854*1995*1703
Body structure	5-door, 5-seater SUV	5-door, 5-seater	5-door, 5-seater
Maximum speed (km/h)	200	200	200
Official 0-100km/h acceleration (s)	4.5	4.5	4.5
Electric energy equivalent fuel consumption (L/100km)	-	-	-
Vehicle warranty	Three years or 120,000 kilometers	Three years or 120,000 kilometers	Three years or 120,000 kilometers
First owner warranty policy	6 years or 150,000 kilometers	6 years or 150,000 kilometers	Ten years with no limit on kilometers (the liability exemption clause shall be subject to
<b>Body</b>			
Length (mm)	4854	4854	4854
Width (mm)	1995	1995	1995
Height (mm)	1703	1703	1703
Wheelbase (mm)	2915	2915	2915

Front wheelbase (mm)	1711	1711	1711
Rear wheelbase (mm)	1711	1711	1711
Approach angle (°)	17	17	17
Departure angle (°)	20	20	20
Body structure	SUV	SUV	SUV
Car door opening method	swing door	swing door	swing door
Number of doors (number)	5	5	5
Number of seats (seats)	5	5	5
Trunk volume (L)	579-1430	579-1430	579-1430
Drag coefficient (Cd)	0.25	0.25	0.25
Curb weight (kg)	2316	2336	2353
Total mass of quasi-trailer (kg)	1200	1200	1200
Maximum full load mass (kg)	2843	2843	2843
<b>Electric motor</b>			
Motor type	Front AC/asynchronous rear permanent magnet/synchronous	Front AC/asynchronous rear permanent	Front AC/asynchronous rear permanent
Total motor power (kW)	360	360	360
Total motor power (Ps)	490	490	490
Total torque of motor (N·m)	700	700	700
Maximum power of front electric motor (kW)	150	150	150
Maximum torque of front electric motor (N·m)	280	280	280
Maximum power of rear electric motor (kW)	210	210	210
Maximum torque of rear electric motor (N·m)	420	420	420
Number of drive motors	Dual motor	Dual motor	Dual motor
Motor layout	Front + rear	Front + rear	Front + rear
Battery Type	Ternary lithium + lithium iron phosphate	Ternary lithium battery	solid state battery

Battery brand	Jiangsu Times	Ningde Times/Jiangsu Times/China New	Ningde era
Battery cooling method	liquid cooling	liquid cooling	liquid cooling
Exchange battery	support	support	support
NEDC pure electric cruising range (km)	-	-	-
CLTC pure electric cruising range (km)	490	625	930
Battery energy (kWh)	75	100	150
Battery energy density (Wh/kg)	142.1	185.4	-
Electricity consumption per 100 kilometers (kWh/100km)	-	-	-
Battery pack warranty	Ten years of unlimited mileage for the first owner (the liability exemption clause shall be subject to the official)	Ten years of unlimited mileage for the first owner (the liability exemption clause shall be subject to the official)	Ten years of unlimited mileage for the first owner (the liability exemption clause shall be subject to the official)
Fast charging function	support	support	support
Fast charging time (hours)	-	-	-
Slow charging time (hours)	-	-	-
Fast charging capacity (%)	-	-	-
electric motor	360	360	360
<b>Gearbox</b>			
Number of gears	1	1	1
Gearbox type	fixed ratio gearbox	fixed ratio gearbox	fixed ratio gearbox
abbreviation	Electric vehicle single speed gearbox	Electric vehicle single speed	Electric vehicle single speed
<b>Chassis steering</b>			
Drive mode	Dual motor four-wheel drive	Dual motor four-wheel drive	Dual motor four-wheel drive
four-wheel drive	Electric four-wheel drive	Electric four-wheel drive	Electric four-wheel drive
Center differential structure	-	-	-
Front suspension type	Five-link independent suspension	Five-link independent	Five-link independent
rear suspension type	Five-link independent suspension	Five-link independent	Five-link independent
Assist type	electric assist	electric assist	electric assist

Body structure	Load-bearing	Load-bearing	Load-bearing
wheel brake			
Front brake type	ventilated disc	ventilated disc	ventilated disc
rear brake type	ventilated disc	ventilated disc	ventilated disc
Parking brake type	Electronic parking	Electronic parking	Electronic parking
Front tire specifications	255/50 R20	255/50 R20	255/50 R20
Rear tire specifications	255/50 R20	255/50 R20	255/50 R20
Spare tire specifications	Tire repair tool	Tire repair tool	Tire repair tool
Passive safety			
Main/passenger seat airbag	Main●Deputy●	Main●Deputy●	Main●Deputy●
Front/rear side airbags	before ● after -	before ● after -	before ● after -
Front/rear head airbags (curtain airbags)	before ● after ●	before ● after ●	before ● after ●
Front middle airbag	●	●	●
Tire pressure monitoring function	●Tire pressure display	●Tire pressure display	●Tire pressure display
Run-flat tires	-	-	-
Seat belt not fastened reminder	●The whole car	●The whole car	●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	●	●	●
Sentry mode/clairvoyance	●	●	●

Low speed warning	●	●	●
Built-in driving recorder	●	●	●
roadside assistance call	●	●	●
Driving control			
Driving mode switch	●Sports ●Economy ●Standard/comfortable ●Off-road ●Snow ●Customized/personalized	●Sports ●Economy ●Standard/comfortable ●Off-road ●Snow	●Sports ●Economy ●Standard/comfortable ●Off-road ●Snow
energy recovery system	●	●	●
automatic parking	●	●	●
Hill assist	●	●	●
steep descent	●	●	●
Variable suspension function	●Suspension soft and hard adjustment	●Suspension soft and hard adjustment	●Suspension soft and hard adjustment
air suspension	-	-	-
Driving hardware			
Front/rear parking radar	before ● after ●	before ● after ●	before ● after ●
Driving assistance images	●360-degree panoramic image	●360-degree panoramic image	●360-degree panoramic image
Transparent chassis/540 degree image	●	●	●
Assisted driving chip	●Four NVIDIA Orin-X	●Four NVIDIA Orin-X	●Four NVIDIA Orin-X
Chip total computing power	●1016 TOPS	●1016 TOPS	●1016 TOPS
Number of cameras	●11 pieces	●11 pieces	●11 pieces
Ultrasonic radar quantity	●12 pieces	●12 pieces	●12 pieces
Millimeter wave radar quantity	●5 pieces	●5 pieces	●5 pieces
LiDAR quantity	●1 piece	●1 piece	●1 piece
Driving function			
cruise system	●Full-speed adaptive cruise	●Full-speed adaptive cruise	●Full-speed adaptive cruise
Assisted driving system	●NIO Pilot	●NIO Pilot	●NIO Pilot
Assisted driving level	●L2	●L2	●L2
Reverse side warning system	●	●	●
satellite navigation system	●	●	●
Navigation traffic information display	●	●	●
map brand	●Gaode	●Gaode	●Gaode

HD map	●	●	●
Parallel assistance	●	●	●
Lane Keeping Assist System	●	●	●
Lane centering	●	●	●
Road traffic sign recognition	●	●	●
Automatic parking	●	●	●
remote control parking	●	●	●
Automatic lane change assist	●	●	●
Automatic ramp exit (entry)	○	○	○
remote summoning	●	●	●
Steering wheel hand off detection	●	●	●
Autonomous driving assistance road section	○City section ○ High-speed section	○City section ○ High-speed section	-
Appearance/Anti-theft			
Rim material	●Aluminum alloy	●Aluminum alloy	●Aluminum alloy
Electric suction door	●The whole car	●The whole car	●The whole car
Electric trunk	●	●	●
induction trunk	●	●	●
Electric trunk position memory	●	●	●
roof rack	●	●	●
Central locking in car	●	●	●
Key type	●Remote key ● Bluetooth key ● NFC/RFID key ●UWB digital key	●Remote key ● Bluetooth key ● NFC/RFID key ●UWB digital key	●Remote key ● Bluetooth key ● NFC/RFID key ●UWB digital key
Keyless start system	●	●	●
Keyless entry function	●The whole car	●The whole car	●The whole car
Hidden electric door handle	●	●	●
Active closing air intake grille	●	●	●
Remote start function	●	●	●
Battery preheating	●	●	●
external discharge	●	●	●
Exterior lights			
low beam light source	●LED	●LED	●LED

high beam light source	●LED	●LED	●LED
Lighting features	●Geometric multi-beam	●Geometric multi-beam	●Geometric multi-beam
LED daytime running lights	●	●	●
Adaptive high and low beam	●	●	●
automatic headlight	●	●	●
Turn assist light	●	●	●
car front fog lights	●LED	●LED	●LED
Headlight height adjustable	●	●	●
Delayed turn off of headlights	●	●	●
Skylight/glass			
Skylight type	●The panoramic sunroof can be opened	●The panoramic sunroof can be	●The panoramic sunroof can be
Front/rear electric windows	before ● after ●	before ● after ●	before ● after ●
One-touch window lifting function	●The whole car	●The whole car	●The whole car
Window anti-pinch function	●	●	●
Multilayer soundproof glass	●The whole car	●The whole car	●The whole car
Rear side privacy glass	●	●	●
Car vanity mirror	●Main driver + lighting ●Co-pilot + lighting	●Main driver + lighting ●Co-pilot + lighting	●Main driver + lighting ●Co-pilot + lighting
rear wiper	●	●	●
Sensing wiper function	●Rain sensor type	●Rain sensor type	●Rain sensor type
Exterior rearview mirror			
Exterior rearview mirror function	●Electric adjustment ●Electric folding ●Rearview mirror memory ●Rearview mirror heating ●Automatic flip-down when reversing ●Automatic folding when locking the car ●Automatic anti-dazzle	●Electric adjustment ●Electric folding ●Rearview mirror memory ●Rearview mirror heating ●Automatic flip-down when reversing ●Automatic folding when locking the car ●Automatic	●Electric adjustment ●Electric folding ●Rearview mirror memory ●Rearview mirror heating ●Automatic flip-down when reversing ●Automatic folding when locking the car ●Automatic
Screen/system			
Central control color screen	●Touch LCD screen	●Touch LCD screen	●Touch LCD screen

Central control screen size	●12.8 inches	●12.8 inches	●12.8 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	●Multimedia system ●Navigation ●Telephone ●Air conditioning ●Sunroof
face recognition	●	●	●
Vehicle intelligent system	●Banyan	●Banyan	●NOMI
Vehicle smart chip	●Qualcomm Snapdragon 8155	●Qualcomm Snapdragon 8155	●Qualcomm Snapdragon 8155
rear LCD screen	●	●	●
Rear LCD screen size	●6.6 inches	●6.6 inches	●6.6 inches
Rear seat control multimedia	●	●	●
Vehicle system memory (GB)	●16	●16	-
Vehicle system storage (GB)	●256	●256	-
Voice wake word free	●	●	●
Voice area wake-up recognition	●Four areas	●Four areas	●Four areas
Speech continuous recognition	●	●	●
It can be said that it is visible	●	●	●
Intelligent configuration			
Internet of Vehicles	●	●	●
4G/5G network	●5G	●5G	●5G
OTA upgrade	●	●	●
Wi-Fi hotspot	●	●	●
V2X communication	●	●	●
In-vehicle biometric monitoring system	●	●	●



Mobile APP remote function	<ul style="list-style-type: none"> <li>●Door control ●</li> <li>Window control ●</li> <li>Vehicle start ●</li> <li>Charging management</li> <li>●Air conditioning control ●</li> <li>Vehicle condition query/diagnosis ●</li> <li>Vehicle positioning/car search ●</li> <li>Car owner service (find charging piles, gas stations, parking lots, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>●Door control ●</li> <li>Window control ●</li> <li>Vehicle start ●</li> <li>Charging management</li> <li>●Air conditioning control ●</li> <li>Vehicle condition query/diagnosis ●</li> <li>Vehicle positioning/car search ●</li> <li>Car owner service (find charging piles, gas stations, parking lots, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>●Door control ●</li> <li>Window control ●</li> <li>Vehicle start ●</li> <li>Charging management</li> <li>●Air conditioning control ●</li> <li>Vehicle condition query/diagnosis ●</li> <li>Vehicle positioning/car search ●</li> <li>Car owner service (find charging piles, gas stations, parking lots, etc.)</li> </ul>
simulated sound	●	●	●
<b>Steering wheel/interior rearview mirror</b>			
Steering wheel material	●Leather○Genuine leather	●Leather○Genuine leather	●Leather○Genuine leather
Steering wheel position adjustment	●Electric up and down + front and rear adjustment	●Electric up and down + front and rear adjustment	●Electric up and down + front and rear adjustment
Shift pattern	●Electronic gear shift	●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	●Color
Full LCD instrument panel	●	●	●
LCD instrument size	●10.2 inches	●10.2 inches	●10.2 inches
HUD heads up digital display	●	●	●
Interior rearview mirror function	●Automatic anti-dazzle	●Automatic anti-dazzle	●Automatic anti-dazzle
ETC device	●	●	●
<b>Charging in car</b>			
Multimedia/charging interface	●USB ●Type-C	●USB ●Type-C	●USB ●Type-C
Number of USB/Type-C interfaces	●3 people in the front row/1 person in the back row○3 people in the front row/6 people in the back row	●3 people in the front row/1 person in the back row○3 people in the front row/6 people in the back row	●3 people in the front row/1 person in the back row○3 people in the front row/6 people in the back row

Mobile phone wireless charging function	●Front row	●Front row	●Front row
Luggage compartment 12V power interface	●	●	●
Seat configuration			
seat material	●Imitation leather○Genuine leather	●Imitation leather○Genuine leather	●Imitation leather○Genuine leather
Main seat adjustment method	●Front and back adjustment ●Backrest adjustment ●Height adjustment (4-way) ●Leg rest adjustment ●Waist support (4-way)	●Front and back adjustment ●Backrest adjustment ●Height adjustment (4-way) ●Leg rest adjustment ●Waist support (4-way)	●Front and back adjustment ●Backrest adjustment ●Height adjustment (4-way) ●Leg rest adjustment ●Waist support (4-way)
Secondary seat adjustment method	●Front and back adjustment ●Backrest adjustment ●Height adjustment (4-way) ●Leg rest adjustment ●Waist support (4-way)	●Front and back adjustment ●Backrest adjustment ●Height adjustment (4-way) ●Leg rest adjustment ●Waist support (4-way)	●Front and back adjustment ●Backrest adjustment ●Height adjustment (4-way) ●Leg rest adjustment ●Waist support (4-way)
Main/passenger seat electric adjustment	Main●Deputy●	Main●Deputy●	Main●Deputy●
Front seat functions	●Heating○Ventilation○Massage	●Heating○Ventilation○	●Heating○Ventilation○
Power seat memory function	●Driver's seat ●Co-pilot's seat	●Driver's seat ●Co-pilot's seat	●Driver's seat ●Co-pilot's seat
Adjustable buttons for the passenger seat and rear row	-	-	-
Second row seat adjustment	●Backrest adjustment	●Backrest adjustment	●Backrest adjustment
Electrically adjustable second row seats	●	●	●
Second row seat functions	○Heating○Ventilation○Massage	○Heating○Ventilation○	○Heating○Ventilation○
Rear seats fold down	●Inverted proportions	●Inverted proportions	●Inverted proportions
Front/rear center armrest	before ● after ●	before ● after ●	before ● after ●
Rear cup holder	●	●	●
Audio/interior lighting			
Speaker brand name	-	-	-
Number of speakers	●23 speakers	●23 speakers	●23 speakers
Dolby Atmos	●	●	●
touch reading light	●	●	●
Car interior ambient lighting	●256 colors	●256 colors	●256 colors
Air conditioner/refrigerator			

Air conditioning temperature control method	●Automatic air conditioning	●Automatic air conditioning	●Automatic air conditioning
heat pump air conditioner	●	●	●
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	●	●	●
Car fragrance device	○	○	○
Optional package			
	NIO battery (75kWh battery pack) rental service (1) NAD full function service subscription ¥ 680/month (1) Front wiper defrost function (1000) Airglow orange calipers (3500) Moon theme (4500) N-BOX enhanced entertainment Main unit (4600) NOMI vehicle artificial intelligence system (4900) Trailer package (7500) Queen passenger package (8500) Comfort package (9500) Full enjoyment package (15000) Nappa premium interior package (16000)	NIO battery (100kWh battery pack) rental service (1) NAD full function service subscription ¥ 680/month (1) Front wiper defrost function (1000) Airglow Orange caliper (3500) Moon theme (4500) N-BOX enhanced entertainment Main unit (4600) NOMI vehicle artificial intelligence system (4900) Trailer package (7500) Queen passenger package (8500) Comfort package (9500) Full enjoyment package (15000) Nappa	NAD full function service subscription ¥ 680/month (1) Front wiper defrost function (1000) Airglow orange calipers (3500) Moon theme (4500) N-BOX enhanced entertainment host (4600) NOMI vehicle artificial intelligence system (4900) Towing Plug-in package (7500) Queen's passenger package (8500) Comfort package (9500) Full package (15000) Nappa premium interior package (16000)

Exterior color	Mars red, aurora green, Antarctic star blue, deep space black, stratosphere blue, star gray, cloud white, aerospace blue	Mars red, aurora green, Antarctic star blue, deep space black, stratosphere blue, star gray, cloud white, aerospace	Aurora green, Antarctic blue, deep space black, dawn gold, stratosphere blue, twilight orange, star gray, galactic
interior color	Black/urban brown, black/speed gray, technology black	Black/urban brown, black/speed gray, technology black	Black/tortoise brown, black/chogoli gray,
Note: ●Standard ○ Optional - None			