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NIO ET5 configuration sheet

	NIO ET5 2022 model 75kWh	NIO ET5 2022 model 100kWh	NIO ET5 2022 model 150kWh
Basic parameters			
Manufacturer	NIO	NIO	NIO
level	mid-size car	mid-size car	mid-size car
Energy type	pure electric	pure electric	pure electric
time to market	2021.12	2021.12	-
CLTC pure electric cruising range (km)	560	710	1000
Fast charging time (hours)	-	-	-
Slow charging time (hours)	-	-	-
Fast charging percentage	80	80	-
Maximum power (kW)	360	360	360
Maximum torque (N·m)	700	700	700
Motor (Ps)	490	490	490
Length*width*height (mm)	4790*1960*1499	4790*1960*1499	4790*1960*1499
Body structure	4-door, 5-seat sedan	4-door, 5-seat sedan	4-door, 5-seat sedan
Maximum speed (km/h)	200	200	200
Official 0-100km/h acceleration (s)	4	4	4
Actual measured 0- 100km/h acceleration (s)	3.63	-	-
Actual measurement of 100-0km/h braking (m)	36.73	-	-
Actual cruising range (km)	338	-	-
Electric energy equivalent fuel consumption (L/100km)	1.73	1.71	-
Vehicle warranty	Three years or 120,000 kilometers	Three years or 120,000 kilometers	Three years or 120,000 kilometers
First owner warranty policy	Six years or 150,000 kilometers	Six years or 150,000 kilometers	-

Body			
Length(mm)	4790	4790	4790
Width(mm)	1960	1960	1960
Height(mm)	1499	1499	1499
Wheelbase(mm)	2888	2888	2888
Front wheelbase(mm)	1685	1685	1685
Rear wheelbase(mm)	1685	1685	1685
Approach angle(°)	13	13	13
Departure angle(°)	14	14	14
Body structure	Sedan	Sedan	Sedan
Car door opening method	swing door	swing door	swing door
Number of doors(number)	4	4	4
Number of seats(seats)	5	5	5
Trunk volume(L)	-	-	-
Drag coefficient(Cd)	0.24	0.24	0.24
Curb weight(kg)	2165	2185	-
Total mass of quasi-trailer(kg)	1400	1400	1400
Maximum full load mass(kg)	2690	2690	2690
Electric Motor			
Motor type	Front induction/asynchronous rear permanent magnet/synchronous	Front induction/asynchronous rear permanent magnet/synchronous	Front induction/asynchronous rear permanent magnet/synchronous
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	Jiangsu Times	Jiangsu Times
Battery cooling method	liquid cooling	liquid cooling	liquid cooling
Exchange battery	support	support	support
CLTC pure electric cruising range (km)	560	710	1000
Battery energy (kWh)	75	100	150
Battery energy density (Wh/kg)	142.1	185.44	-
Electricity consumption per 100 kilometers (kWh/100km)	15.3	15.1	-
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 power (kW)	180	180	-
Fast charging time (hours)	-	-	-
Slow charging time (hours)	-	-	-
Fast charging capacity (%)	80	80	-
electric motor	360	360	360
Gearbox			
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 gearbox	Electric vehicle single speed gearbox
Chassis Steering			
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 suspension	Five-link independent suspension
rear suspension type	Five-link independent suspension	Five-link independent suspension	Five-link independent suspension
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	245/45R19	245/45R19	245/45R19
Rear tire specifications	245/45R19	245/45R19	245/45R19
Spare tire specifications	Tire repair tools	Tire repair tools	Tire repair tools
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	●The whole car
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 ●Snow	●Sports ●Economy ●Standard/Comfortable ●Snow	●Sports ●Economy ●Standard/Comfortable ●Snow
energy recovery system	●	●	●
automatic parking	●	●	●
Hill assist	●	●	●
steep descent	-	-	-
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	●NVIDIA Drive Orin	●NVIDIA Drive Orin	●NVIDIA Drive Orin
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 level	●L2	●L2	●L2
Reverse side warning system	●	●	●
satellite navigation system	●	●	●
Navigation traffic information display	●	●	●
HD map	●	●	●
Parallel assistance	●	●	●
Lane Keeping Assist System	●	●	●
Lane centering	●	●	●
Road traffic sign recognition	●	●	●
Automatic parking	●	●	●
Automatic lane change assist	●	●	●
remote summoning	○	○	○
Appearance/Anti-theft			
Rim material	●Aluminum alloy	●Aluminum alloy	●Aluminum alloy
Electric suction door	●The whole car	●The whole car	●The whole car
Frameless design door	●	●	●
Electric trunk	●	●	●
induction trunk	●	●	●
Electric trunk position memory	●	●	●
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	●	●	●
Remote start function	●	●	●
Battery preheating	●	●	●
Exterior Lights			
Low beam light source	●LED	●LED	●LED
high beam light source	●LED	●LED	●LED

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 cannot be opened	●The panoramic sunroof cannot be opened	●The panoramic sunroof cannot be opened
Light-sensing awning	○	○	-
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	●	●	●
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 anti-dazzle	●Electric adjustment ●Electric folding ●Rearview mirror memory ●Rearview mirror heating ●Automatic flip down when reversing ●Automatic folding when locking the car ●Automatic anti-dazzle
Screen/System			
Central control color screen	●Touch OLED screen	●Touch OLED screen	●Touch OLED screen
Central control screen size	●12.8 inches	●12.8 inches	●12.8 inches

Bluetooth/car phone	●	●	●
Mobile phone interconnection/mapping	●Original interconnection/mapping	●Original interconnection/mapping	●Original interconnection/mapping
Voice recognition control system	●Multimedia system ●Navigation ●Telephone ●Air conditioning	●Multimedia system ●Navigation ●Telephone ●Air conditioning	●Multimedia system ●Navigation ●Telephone ●Air conditioning
face recognition	●	●	●
Vehicle intelligent system	●Banyan	●Banyan	●Banyan
Vehicle system memory (GB)	●16	●16	●16
Vehicle system storage (GB)	●256	●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	●	●	●
Mobile APP remote function	●Charging management ●Air conditioning control ●Vehicle status inquiry/diagnosis ● Vehicle positioning/car search	●Charging management ●Air conditioning control ●Vehicle status inquiry/diagnosis ● Vehicle positioning/car search	●Charging management ●Air conditioning control ●Vehicle status inquiry/diagnosis ● Vehicle positioning/car search
simulated sound	●	●	●
Steering wheel/Interior rearview mirror			
Steering wheel material	●Genuine leather	●Genuine 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
Interior rearview mirror function	●Automatic anti-dazzle	●Automatic anti-dazzle	●Automatic anti-dazzle
ETC device	●	●	●
Charging in car			
Multimedia/charging interface	●USB ●Type-C	●USB ●Type-C	●USB ●Type-C
Number of USB/Type-C interfaces	●2 in the front row/1 in the back row	●2 in the front row/1 in the back row	●2 in the front row/1 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
Sports style seats	●	●	●
Main seat adjustment method	●Front and rear adjustment ●Backrest adjustment ●Height adjustment (4-way) ○ Leg rest adjustment ●Waist support (4-way)	●Front and rear adjustment ●Backrest adjustment ●Height adjustment (4-way) ○ Leg rest adjustment ●Waist support (4-way)	●Front and rear adjustment ●Backrest adjustment ●Height adjustment (4-way) ○ Leg rest adjustment ●Waist support (4-way)
Secondary seat adjustment method	●Front and rear adjustment ●Backrest adjustment ●Height adjustment (4-way) ○ Leg rest adjustment ●Waist support (4-way)	●Front and rear adjustment ●Backrest adjustment ●Height adjustment (4-way) ○ Leg rest adjustment ●Waist support (4-way)	●Front and rear 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 ○Massage	●Heating○Ventilation ○Massage

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	-	-	-
Second row seat functions	○Heating	○Heating	○Heating
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	NIO ET5 2022 model 75kWh	NIO ET5 2022 model 100kWh	NIO ET5 2022 model 150kWh
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			

	<p>NIO battery (75kWh battery pack) rental service (1) NAD full function service subscription (1) Front wiper defrost function (1000) Airglow orange calipers (3500) Appearance package-Moon theme (4500) NOMI on-board artificial intelligence system (4900) Microfiber super fiber velvet ceiling (6500) Towing package (7500) Enjoyment package (9500) Nappa premium interior package (22500)</p>	<p>NIO battery (100kWh battery pack) rental service (1) NAD full function service subscription (1) Front wiper defrost function (1000) Airglow orange calipers (3500) Appearance package-Moon theme (4500) NOMI on-board artificial intelligence system (4900) Microfiber super fiber velvet ceiling (6500) Towing package (7500) Enjoyment package (9500) Nappa premium interior package (22500)</p>	<p>NAD full function service subscription (1) Front wiper defrost function (1000) Airglow orange calipers (3500) Appearance package-Moon theme (4500) NOMI vehicle artificial intelligence system (4900) Microfiber super fiber velvet roof (6500) Towing package (7500) Comfort package (9500) Nappa premium interior package (22500)</p>
Exterior color	<p>Stratospheric blue, cloud white, star gray, mirror sky pink, cloud yellow, deep space black, twilight orange, dawn gold, aurora green, aerospace blue</p>	<p>Aurora green, cloud yellow, space blue, mirror sky pink, deep space black, stratosphere blue, twilight orange, star gray, cloud white, dawn gold</p>	<p>Aurora green, mirror sky pink, deep space black, stratosphere blue, twilight orange, star gray, aerospace blue, cloud white, cloud first yellow</p>
interior color	<p>Black/Golden Sand Rice, Technology Black, Black/Tundra Green, Black/Electric Purple, Black/Amber Orange, Black/Speed Gray</p>	<p>Black/Electric Purple, Black/Amber Orange, Black/Speed Grey, Black/Golden Sand Rice, Black/Tundra Green, Technology Black</p>	<p>Black/Electric Purple, Black/Amber Orange, Black/Speed Grey, Black/Golden Sand Rice, Black/Tundra Green, Technology Black</p>
<p>Note: ●Standard ○ Optional - None</p>			