

Yuanhe Unique New Energy

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22 G3i 460G+

22 models G3i 460N+

22 models G3i 520N+

Basic Information

level	Compact SUV	Compact SUV	Compact SUV
Energy type	pure electricity	pure electricity	pure electricity
time to market	2022/9/28	2022/12/1	2022/5/20
NEDC pure electric range [km]	460	460	520
Fast charging time[h]	0.58	0.58	0.58
Fast charging capacity [%]	30-80	30-80	30-80
Slow charging time[h]	4.3	4.3	5.5
Slow charging capacity [%]	30-80	30-80	30-80
Motor[Ps]	197	197	197
gearbox	1st gear fixed gear ratio	1st gear fixed gear ratio	1st gear fixed gear ratio
Length*width*height[mm]	4495*1820*1610	4495*1820*1610	4495*1820*1610
Body structure	5-door, 5-seater SUV	5-door, 5-seater SUV	5-door, 5-seater SUV
Maximum speed [km/h]	170	170	170
Official 0-100km/h acceleration [s]	8.6	8.6	8.6
Vehicle warranty	4 years or 100,000 kilometers	4 years or 100,000 kilometers	4 years or 100,000 kilometers
Exterior color			
interior color			

Body

Length[mm]	4495	4495	4495
Width[mm]	1820	1820	1820
Height[mm]	1610	1610	1610
Wheelbase [mm]	2625	2625	2625
Front wheelbase [mm]	1546	1546	1546
Rear wheelbase [mm]	1551	1551	1551
Car door opening method	swing door	swing door	swing door
Number of doors	5	5	5
number of seats	5	5	5
Approach angle [°]	16	16	16
Departure angle [°]	twenty four	twenty four	twenty four
Minimum ground clearance with full load [mm]	130	130	130
Minimum turning radius [m]	5.35	5.35	5.35
Drag coefficient [Cd]	0.295	0.295	0.295
Official trunk volume [L]	380-760	380-760	380-760
Curb weight [kg]	1680	1680	1665
Full load mass [kg]	2080	2080	2080

electric motor

Number of drive motors	single motor	single motor	single motor
Motor layout	prefix	prefix	prefix
Motor type	Permanent magnet synchronization	Permanent magnet synchronization	Permanent magnet synchronization
Total motor power [kW]	145	145	145
Total motor horsepower [Ps]	197	197	197
Motor total torque [N·m]	300	300	300
Maximum power of front electric motor [kW]	145	145	145
Maximum torque of front electric motor [N·m]	300	300	300

Battery/recharge

Battery Type	Lithium iron phosphate battery	Lithium iron phosphate battery	Ternary lithium battery
Battery brand	Ningde Times/AVIC Lithium Battery/Yiwei Lithium Energy	Ningde Times/AVIC Lithium Battery/Yiwei Lithium Energy	Ningde Times/AVIC Lithium Battery/Yiwei Lithium Energy
Battery temperature management	• Low temperature heating	• Low temperature heating	• Low temperature heating
	• Liquid cooling	• Liquid cooling	• Liquid cooling
NEDC pure electric range [km]	460	460	520
Battery power [kWh]	55.9	55.9	66.2

Battery energy density [Wh/kg]	140	140	170
Electricity consumption per 100 kilometers [kWh/100km]	14	14	14
vehicle charging port	<ul style="list-style-type: none"> • Slow charging port • Quick charging port 	<ul style="list-style-type: none"> • Slow charging port • Quick charging port 	<ul style="list-style-type: none"> • Slow charging port • Quick charging port
Slow charging port location	<ul style="list-style-type: none"> • Car right front side 	<ul style="list-style-type: none"> • Car right front side 	<ul style="list-style-type: none"> • Car right front side
Fast charging port location	<ul style="list-style-type: none"> • Car left front side 	<ul style="list-style-type: none"> • Car left front side 	<ul style="list-style-type: none"> • Car left front side
Fast charging time[min]	35	35	35
Fast charging time[h]	0.58	0.58	0.58
Fast charging capacity [%]	30-80	30-80	30-80
Slow charging time[h]	4.3	4.3	5.5
Slow charging capacity [%]	30-80	30-80	30-80
Vehicle battery swap	-	-	-
Home charging pile	-	-	-
Car charging gun	-	-	-
External discharge function	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •
External discharge power	<ul style="list-style-type: none"> • 2.2kW 	<ul style="list-style-type: none"> • 2.2kW 	<ul style="list-style-type: none"> • 2.2kW
Battery pack warranty	8 years or 150,000 kilometers	8 years or 150,000 kilometers	8 years or 150,000 kilometers
gearbox			
Gearbox description	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox
Gearbox type	Fixed gear ratio	Fixed gear ratio	Fixed gear ratio
Number of gears	1	1	1
chassis steering			
Drive form	Front wheel drive	Front wheel drive	Front wheel drive
four-wheel drive	-	-	-
Center differential structure	-	-	-
Front suspension type	MacPherson independent suspension	MacPherson independent suspension	MacPherson independent suspension
rear suspension type	torsion beam non-independent suspension	torsion beam non-independent suspension	torsion beam non-independent suspension
Assist type	electric assist	electric assist	electric assist
Adjustable suspension features	-	-	-
Adjustable suspension types	-	-	-
Body structure	Load-bearing	Load-bearing	Load-bearing
limited slip differential	-	-	-
differential lock	-	-	-
wheel brake			
Front brake type	<ul style="list-style-type: none"> • Ventilated disc type 	<ul style="list-style-type: none"> • Ventilated disc type 	<ul style="list-style-type: none"> • Ventilated disc type
rear brake type	<ul style="list-style-type: none"> • Solid disc type 	<ul style="list-style-type: none"> • Solid disc type 	<ul style="list-style-type: none"> • Solid disc type
Parking brake type	Electronic parking	Electronic parking	Electronic parking
Front tire specifications	<ul style="list-style-type: none"> • 215/55 R17 	<ul style="list-style-type: none"> • 215/55 R17 	<ul style="list-style-type: none"> • 215/55 R17
Rear tire specifications	<ul style="list-style-type: none"> • 215/55 R17 	<ul style="list-style-type: none"> • 215/55 R17 	<ul style="list-style-type: none"> • 215/55 R17
Spare tire	<ul style="list-style-type: none"> • No spare tire 	<ul style="list-style-type: none"> • No spare tire 	<ul style="list-style-type: none"> • No spare tire
Spare tire placement	-	-	-
active safety			
ABS anti-lock	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •
Braking force distribution (EBD/CBC, etc.)	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •
Brake assist (BA/EBA/BAS, etc.)	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •
Traction control (ASR/TCS/TRC, etc.)	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •
Body stability control (ESP/DSC/VSC, etc.)	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •
Seat belt not fastened reminder	<ul style="list-style-type: none"> • The whole car 	<ul style="list-style-type: none"> • The whole car 	<ul style="list-style-type: none"> • The whole car
Tire pressure monitoring	<ul style="list-style-type: none"> • Tire pressure display 	<ul style="list-style-type: none"> • Tire pressure display 	<ul style="list-style-type: none"> • Tire pressure display
passive safety			
Main driver airbag	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •
Passenger airbag	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •
First row side airbag	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •

Second row side airbags	-	-	-
side curtain airbags	-	•	•
knee air bag	-	-	-
Passenger seat cushion airbag	-	-	-
Rear seat belt airbag	-	-	-
Rear seat anti-skid airbags	-	-	-
center airbag	-	-	-
Second row forward airbags	-	-	-
child seat interface	•	•	•
passive pedestrian protection	-	-	-
Run-flat tires	-	-	-
Auxiliary/control configuration			
front parking radar	-	•	•
Rear parking radar	•	•	•
Reverse side warning system	-	•	•
Door opening collision warning	-	•	•
Driving assistance images	• Reversing image	• 360-degree panoramic image	• 360-degree panoramic image
Chassis perspective	-	•	•
cruise system	• Cruise speed	• Full-speed adaptive cruise	• Full-speed adaptive cruise
Driving mode selection	• Sports	• Sports	• Sports
	• Economy	• Economy	• Economy
	• Standard/Comfortable	• Standard/Comfortable	• Standard/Comfortable
Fatigue reminder	-	•	•
automatic parking	-	•	•
remote control parking	-	•	•
remote summoning	-	•	•
Engine start and stop	-	-	-
automatic parking	•	•	•
Hill assist	•	•	•
steep descent	•	•	•
night vision system	-	-	-
variable steering ratio	-	-	-
Integral active steering system	-	-	-
Wading sensing system	-	-	-
Assisted driving functions			
Parallel assistance (BSM/BSD)	-	•	•
Lane Departure Warning (LDWS)	-	•	•
Lane Keeping (LKAS)	-	•	•
Lane centering	-	•	•
Road traffic sign recognition	-	•	•
forward collision warning	-	•	•
rear collision warning	-	•	•
Active braking	-	•	•
Automatic lane change assist	-	•	•
Automatic ramp exit/entry	-	-	-
Reverse tracking	-	-	-
Assisted driving hardware			
Driving assistance level	-	• L2	• L2
Assisted driving system	• XPILOT	• XPILOT	• XPILOT
millimeter wave radar	-	• 3	• 3
ultrasonic radar	• Last 4	• First 6/Last 6	• First 6/Last 6
Front sensing camera type	-	• monocular	• monocular
Environment aware camera	-	• 1	• 1
surround camera	-	• 4	• 4
car camera	-	• 1	• 1
External configuration			
Skylight type	-	-	-

Sport appearance package	-	-	-
Electric spoiler	-	-	-
Rim material	• Aluminum alloy	• Aluminum alloy	• Aluminum alloy
Electric suction door	-	-	-
Automatic opening and closing of car doors	-	-	-
Frameless door	-	-	-
sliding door	-	-	-
roof rack	-	-	-
Key type	• Remote key	• Remote key	• Remote key
	• Bluetooth key	• Bluetooth key	• Bluetooth key
Keyless start	•	•	•
keyless entry	• First row	• First row	• First row
Hidden electric door handle	•	•	•
Active closing air intake grille	-	-	-
Electric tailgate	•	•	•
Tailgate position memory	•	•	•
Induction tailgate	-	-	-
Tailgate glass opens independently	-	-	-
car side pedals	-	-	-
Low speed driving warning sound	•	•	•
Sentinel (clairvoyance) mode	•	•	•
Internal configuration			
Steering wheel material	• Genuine leather	• Genuine leather	• Genuine leather
steering wheel adjustment	• Manual up and down adjustment	• Manual up and down adjustment	• Manual up and down adjustment
Shift pattern	Electronic gear shifting	Electronic gear shifting	Electronic gear shifting
Multifunction steering wheel	•	•	•
steering wheel gear shift	-	-	-
Steering wheel heating	-	-	-
Trip computer display	• Color	• Color	• Color
Full LCD instrument panel	•	•	•
Instrument screen size [inches]	• 12.3	• 12.3	• 12.3
HUD heads up display	-	-	-
Built-in driving recorder	-	-	-
Mobile phone wireless charging	-	• First row	• First row
ETC device	○	○	○
Active noise reduction	-	-	-
Electrically adjustable pedals	-	-	-
Single pedal mode	•	•	•
Seat configuration			
seat material	• Imitation leather	• Imitation leather	• Imitation leather
	○ Genuine leather	○ Genuine leather	○ Genuine leather
Sports style seats	-	-	-
Electric driver's seat adjustment	• Electric adjustment with memory	• Electric adjustment with memory	• Electric adjustment with memory
Passenger seat electric adjustment	• Electric adjustment	• Electric adjustment	• Electric adjustment
Driver's seat adjustment method	• Front and back adjustment	• Front and back adjustment	• Front and back adjustment
	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment
	• Height adjustment (2-way)	• Height adjustment (2-way)	• Height adjustment (2-way)
	○ Waist adjustment (4-way)	○ Waist adjustment (4-way)	○ Waist adjustment (4-way)
Passenger seat adjustment method	• Front and back adjustment	• Front and back adjustment	• Front and back adjustment
	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment
First row seat functions	• Heating	• Heating	• Heating
	○ Ventilation (main driver)	○ Ventilation (main driver)	○ Ventilation (main driver)
Boss button	-	-	-
Electrically adjustable second row seats	-	-	-
Second row seat adjustment method	-	-	-

Second row seat functions	-	-	-
center armrest	• First row	• First row	• First row
Seat layout	• 2+3	• 2+3	• 2+3
Rear seat folding method	• Inverted proportions	• Inverted proportions	• Inverted proportions
Electrically reclining rear seats	-	-	-
Rear cup holder	-	-	-
Heated/cooled cup holder	-	-	-
Rear folding table	-	-	-
Car/Internet			
Central control color screen	• Touch LCD screen	• Touch LCD screen	• Touch LCD screen
Central control screen size [inch]	• 15.6	• 15.6	• 15.6
Central control screen resolution [px]	• 1920 × 1080	• 1920 × 1080	• 1920 × 1080
Central control screen pixel density [PPI]	• 141	• 141	• 141
Passenger screen	-	-	-
Vehicle system	Xmart OS	Xmart OS	Xmart OS
Car chip	Qualcomm Snapdragon 820A	Qualcomm Snapdragon 820A	Qualcomm Snapdragon 820A
Vehicle system memory [GB]	• 4	• 4	• 4
Vehicle system storage [GB]	• 128	• 128	• 128
Vehicle-to-machine network	• 4G	• 4G	• 4G
OTA upgrade	• Vehicle OTA	• Vehicle OTA	• Vehicle OTA
Car WiFi function	• WiFi connection	• WiFi connection	• WiFi connection
	• WiFi hotspot	• WiFi hotspot	• WiFi hotspot
Car navigation map	• Gaode	• Gaode	• Gaode
V2X communication	-	-	-
roadside assistance call	-	-	-
Bluetooth/car phone	•	•	•
Mobile phone interconnection/mapping	-	-	-
Voice assistant wake word	• Hello, little P	• Hello, little P	• Hello, little P
Voice zone wake-up	• First row	• First row	• First row
	• Second row	• Second row	• Second row
Voice wake-up-free	•	•	•
Speech continuous recognition	•	•	•
Voice recognition control function	• Multimedia system	• Multimedia system	• Multimedia system
	• Navigation	• Navigation	• Navigation
	• Telephone	• Telephone	• Telephone
	• Air conditioning	• Air conditioning	• Air conditioning
gesture control	-	-	-
face recognition	-	-	-
Remote control function	• Door control	• Door control	• Door control
	• Window control	• Window control	• Window control
	• Air conditioning control	• Air conditioning control	• Air conditioning control
	• Charging management	• Charging management	• Charging management
	• Vehicle condition inquiry/diagnosis	• Vehicle condition inquiry/diagnosis	• Vehicle condition inquiry/diagnosis
	• Vehicle positioning/car search	• Vehicle positioning/car search	• Vehicle positioning/car search
Media entertainment			
Car APP application market	•	•	•
Car CD/DVD	-	-	-
Multimedia/charging interface	• USB	• USB	• USB
Number of USB/Type-C interfaces	• 2 in the front row/2 in the back row	• 2 in the front row/2 in the back row	• 2 in the front row/2 in the back row
In-car entertainment functions	• Karaoke	• Karaoke	• Karaoke
Rear seat control multimedia	-	-	-
Cockpit 220V/230V power supply	-	-	-
Luggage compartment power interface	-	-	-
audio brand	-	-	-

Number of speakers	• 8	• 8	• 8
Light function			
Low beam light source	• LED	• LED	• LED
high beam light source	• LED	• LED	• LED
Lighting features	-	-	-
LED daytime running lights	•	•	•
Headlight function	• Height adjustment	• Height adjustment	• Height adjustment
	• Automatic opening and closing	• Automatic opening and closing	• Automatic opening and closing
	• Delayed shutdown	• Delayed shutdown	• Delayed shutdown
Turn assist light	-	-	-
Front fog lights	-	-	-
Headlight cleaning device	-	-	-
Car interior ambient light	-	-	-
glass/rear view mirror			
First row electric windows	•	•	•
Second row power windows	•	•	•
One-click lifting and lowering of windows	• The whole car	• The whole car	• The whole car
Window anti-pinch function	• The whole car	• The whole car	• The whole car
Multilayer soundproof glass	-	-	-
Exterior rearview mirror function	• Electric adjustment	• Electric adjustment	• Electric adjustment
	• Heated rearview mirrors	• Heated rearview mirrors	• Heated rearview mirrors
	• Electric folding	• Electric folding	• Electric folding
	• Automatic folding when locking the car	• Automatic folding when locking the car	• Automatically roll down when reversing
	○ Rearview mirror memory	○ Rearview mirror memory	• Automatic folding when locking the car
			○ Rearview mirror memory
Interior rearview mirror function	• Manual anti-dazzle	• Automatic anti-dazzle	• Automatic anti-dazzle
Rear side privacy glass	-	-	-
Rear side sunshades	-	-	-
Rear windshield sunshade	-	-	-
Car vanity mirror	• Main driver	• Main driver	• Main driver
	• Co-pilot	• Co-pilot	• Co-pilot
Sensing wiper function rear wiper	-	-	-
Heated water nozzle	-	-	-
Air conditioning/refrigeration			
First row air conditioner	• Single temperature zone automatic air conditioning	• Dual temperature zone automatic air conditioning	• Dual temperature zone automatic air conditioning
Second row air conditioner	• Air outlet	• Air outlet	• Air outlet
Third row air conditioner	-	-	-
air quality monitoring	-	-	-
In-car PM2.5 filter device	-	-	-
Car air purifier	-	-	-
negative ion generator	-	-	-
Fragrance system	-	-	-
car refrigerator	-	-	-
Featured configuration			
It can be said that it is visible	•	•	•
V2L external discharge interface	-	•	•
vehicle summon	-	•	•
Optional package			
18 inch wheels	-	○ Optional 3000 215/50 R18 (Michelin tires)	○ Optional 3000
	-	○ No price for options yet	○ No price for options yet

Leap level comfort package

The main driver's seat is ventilated, Nappa+ high-quality leather seats, exterior rearview mirrors with memory function (this function will be realized through OTA in the future), suede roof, 4-way lumbar support for the main driver