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UNI-K Smart Electric iDD Configuration sheet

	Changan UNI-K Smart Electric iDD 2023 Smart Electric iDD 1.5T 135km Smart Enjoyment Model	Changan UNI-K Smart Electric iDD 2023 Smart Electric iDD 1.5T 135km Smart Fun Model	Changan UNI-K Smart Electric iDD 2023 Smart Electric iDD 1.5T 135km smart collar model	Changan UNI-K Smart Electric iDD 2023 Smart Electric iDD 1.5T 135km Smart Cool Model
Basic parameters				
Manufacturer	Changan Automobile	Changan Automobile	Changan Automobile	Changan Automobile
level	Medium SUV	Medium SUV	Medium SUV	Medium SUV
Energy type	plug-in hybrid	plug-in hybrid	plug-in hybrid	plug-in hybrid
Environmental protection standards	Country VI	Country VI	Country VI	Country VI
time to market	2023.02	2023.02	2023.02	2023.02
NEDC pure electric cruising range (km)	135	135	135	135
WLTC pure electric cruising range (km)	117	117	117	117
Fast charging time (hours)	0.5	0.5	0.5	0.5
Slow charging time (hours)	4	4	4	4
Fast charging percentage	80	80	80	80
Maximum power (kW)	-	-	-	-
Maximum torque (N·m)	-	-	-	-
engine	1.5T 170 horsepower L4	1.5T 170 horsepower L4	1.5T 170 horsepower L4	1.5T 170 horsepower L4
Motor (Ps)	150	150	150	150
gearbox	6-speed three-clutch electric drive transmission	6-speed three-clutch electric drive transmission	6-speed three-clutch electric drive transmission	6-speed three-clutch electric drive transmission
Length*width*height (mm)	4865*1948*1690	4865*1948*1690	4865*1948*1700	4865*1948*1700
Body structure	5-door, 5-seater SUV	5-door, 5-seater SUV	5-door, 5-seater SUV	5-door, 5-seater SUV
Maximum speed (km/h)	200	200	200	200

Official 0-100km/h acceleration (s)	8.1	8.1	8.1	8.1
NEDC comprehensive fuel consumption (L/100km)	0.9	0.9	0.9	0.9
WLTC comprehensive fuel consumption (L/100km)	1.95	1.95	1.95	1.95
Minimum state of charge fuel consumption (L/100km)	6.8	6.8	6.8	6.8
Electric energy equivalent fuel consumption (L/100km)	1.97	1.97	1.97	1.97
Vehicle warranty	-	-	-	-
First owner warranty policy	-	-	-	-
Body				
Length (mm)	4865	4865	4865	4865
Width (mm)	1948	1948	1948	1948
Height (mm)	1690	1690	1700	1700
Wheelbase (mm)	2890	2890	2890	2890
Front wheelbase (mm)	1636	1636	1636	1636
Rear wheelbase (mm)	1650	1650	1650	1650
Minimum ground clearance with full load (mm)	157	157	166	166
Approach angle (°)	19	19	19	19
Departure angle (°)	27	27	27	27
Body structure	SUV	SUV	SUV	SUV
Car door opening method	swing door	swing door	swing door	swing door
Number of doors (number)	5	5	5	5
Number of seats (seats)	5	5	5	5
Fuel tank volume (L)	53	53	53	53
Trunk volume (L)	518-1412	518-1412	518-1412	518-1412
Curb weight (kg)	2075	2075	2075	2075
Maximum full load mass (kg)	2450	2450	2450	2450

Engine				
engine model	JL473ZQ6	JL473ZQ6	JL473ZQ6	JL473ZQ6
Displacement (mL)	1494	1494	1494	1494
Displacement (L)	1.5	1.5	1.5	1.5
Intake form	turbocharging	turbocharging	turbocharging	turbocharging
Engine layout	horizontal	horizontal	horizontal	horizontal
Cylinder arrangement	L	L	L	L
Number of cylinders (number)	4	4	4	4
Number of valves per cylinder (number)	4	4	4	4
Air Supply	DOHC	DOHC	DOHC	DOHC
Maximum horsepower (Ps)	170	170	170	170
Maximum power (kW)	125	125	125	125
Maximum power speed (rpm)	5500	5500	5500	5500
Maximum torque (N·m)	255	255	255	255
Maximum torque speed (rpm)	1500-4000	1500-4000	1500-4000	1500-4000
Maximum net power (kW)	122	122	122	122
fuel form	plug-in hybrid	plug-in hybrid	plug-in hybrid	plug-in hybrid
fuel grade	No. 92	No. 92	No. 92	No. 92
Fuel supply method	direct injection	direct injection	direct injection	direct injection
Cylinder head material	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Cylinder material	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Environmental protection standards	Country VI	Country VI	Country VI	Country VI
Electric motor				
Motor type	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous
Total motor power (kW)	110	110	110	110
Total motor power (Ps)	150	150	150	150
Total torque of motor (N·m)	330	330	330	330
Maximum power of front electric motor (kW)	110	110	110	110

Maximum torque of front electric motor (N • m)	330	330	330	330
Number of drive motors	single motor	single motor	single motor	single motor
Motor layout	prefix	prefix	prefix	prefix
Battery Type	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery
Battery brand	Ningde era	Ningde era	Ningde era	Ningde era
Battery cooling method	liquid cooling	liquid cooling	liquid cooling	liquid cooling
NEDC pure electric cruising range (km)	135	135	135	135
WLTC pure electric cruising range (km)	117	117	117	117
Battery energy (kWh)	28.39	28.39	28.39	28.39
Electricity consumption per 100 kilometers (kWh/100km)	17.4	17.4	17.4	17.4
Battery pack warranty	There is no limit on the age/mileage of the first car owner (the liability exemption clause shall be subject to the official)	There is no limit on the age/mileage of the first car owner (the liability exemption clause shall be subject to the official)	There is no limit on the age/mileage of the first car owner (the liability exemption clause shall be subject to the official)	There is no limit on the age/mileage of the first car owner (the liability exemption clause shall be subject to the official)
Fast charging function	support	support	support	support
Fast charging time (hours)	0.5	0.5	0.5	0.5
Slow charging time (hours)	4	4	4	4
Fast charging capacity(%)	80	80	80	80
Gearbox				
Number of gears	6	6	6	6
Gearbox type	Three-clutch electric drive transmission	Three-clutch electric drive transmission	Three-clutch electric drive transmission	Three-clutch electric drive transmission
abbreviation	6-speed three-clutch electric drive transmission	6-speed three-clutch electric drive transmission	6-speed three-clutch electric drive transmission	6-speed three-clutch electric drive transmission
Chassis steering				

Drive mode	Front wheel drive	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	MacPherson independent suspension
rear suspension type	Multi-link independent suspension	Multi-link independent suspension	Multi-link independent suspension	Multi-link independent suspension
Assist type	electric assist	electric assist	electric assist	electric assist
Body structure	Load-bearing	Load-bearing	Load-bearing	Load-bearing
Wheel brake				
Front brake type	ventilated disc	ventilated disc	ventilated disc	ventilated disc
rear brake type	disc type	disc type	disc type	disc type
Parking brake type	Electronic parking	Electronic parking	Electronic parking	Electronic parking
Front tire specifications	255/55 R19	255/50 R20	265/45 R21	265/45 R21
Rear tire specifications	255/55 R19	255/50 R20	265/45 R21	265/45 R21
Spare tire specifications	Tire repair tool	Tire repair tool	Tire repair tool	Tire repair tool
Passive safety				
Main/passenger seat airbag	Main●/Deputy●	Main●/Deputy●	Main●/Deputy●	Main●/Deputy●
Front/rear side airbags	Before●/After-	Before●/After-	Before●/After-	Before●/After-
Front/rear head airbags (curtain airbags)	before●/after●	before●/after●	before●/after●	before●/after●
Tire pressure monitoring function	●Tire pressure display	●Tire pressure display	●Tire pressure display	●Tire pressure display
Run-flat tires	-	-	-	-
Seat belt not fastened reminder	●Front row	●Front row	●Front row	●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	●	●	●	●
rear collision warning	-	-	●	●
Low speed warning	●	●	●	●
Built-in driving recorder	●	●	●	●
Driving control				
Driving mode switch	● Customization/personalization	● Customization/personalization	● Customization/personalization	● Customization/personalization
energy recovery system	●	●	●	●
automatic parking	●	●	●	●
Hill assist	●	●	●	●
steep descent	●	●	●	●
Driving hardware				
Front/rear parking radar	before●/after●	before●/after●	before●/after●	before●/after●
Driving assistance images	●360-degree panoramic image	●360-degree panoramic image	●360-degree panoramic image	●360-degree panoramic image
Transparent chassis/540 degree image	●	●	●	●
Driving function				
cruise system	●Full-speed adaptive cruise	●Full-speed adaptive cruise	●Full-speed adaptive cruise	●Full-speed adaptive cruise
Assisted driving level	-	-	●L2	●L2
Reverse side warning system	-	-	●	●
satellite navigation system	●	●	●	●
Navigation traffic information display	●	●	●	●

map brand	●Gaode	●Gaode	●Gaode	●Gaode
AR real-life navigation	-	-	●	●
Parallel assistance	-	-	●	●
Lane Keeping Assist System	-	-	●	●
Lane centering	-	-	●	●
Road traffic sign recognition	-	-	●	●
Appearance/Anti-theft				
Rim material	●Aluminum alloy	●Aluminum alloy	●Aluminum alloy	●Aluminum alloy
Electric trunk	-	●	●	●
induction trunk	-	●	●	●
Electric trunk position memory	-	●	●	●
Engine electronic anti-theft	●	●	●	●
Central locking in car	●	●	●	●
Key type	●Remote key ●Bluetooth key	●Remote key ●Bluetooth key	●Remote key ●Bluetooth key	●Remote key ●Bluetooth key
Keyless start system	●	●	●	●
Keyless entry function	●Front row	●Front row	●Front row	●Front row
Hidden electric door handle	●	●	●	●
Remote start function	●	●	●	●
Battery preheating	●	●	●	●
external discharge	●	●	●	●
Exterior lights				
low beam light source	●LED	●LED	●LED	●LED
high beam light source	●LED	●LED	●LED	●LED
Lighting features	●Matrix	●Matrix	●Matrix	●Matrix
LED daytime running lights	●	●	●	●
Adaptive high and low beam	-	-	●	●
automatic headlight	●	●	●	●
car front fog lights	-	-	-	-
Headlight height adjustable	●	●	●	●

Delayed turn off of headlights	●	●	●	●
Skylight/Glass				
Skylight type	●The panoramic sunroof can be opened	●The panoramic sunroof can be opened	●The panoramic sunroof can be opened	●The panoramic sunroof can be opened
Front/rear electric windows	before●/after●	before●/after●	before●/after●	before●/after●
One-touch window lifting function	●The whole car	●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
Car vanity mirror	●Main driver' s seat ●Co-pilot	●Main driver' s seat ●Co-pilot	●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	●Rain sensor type
Exterior rearview mirror				
Exterior rearview mirror function	●Electric adjustment ● Electric folding ●Heated rearview mirror ●Automatic folding when the car is locked	●Electric adjustment ● Electric folding ●Heated rearview mirror ● Automatic folding when the car is locked	●Electric adjustment ● Electric folding ●Rearview mirror memory ●Heated rearview mirrors ●Automatically flip down when reversing ● Automatically fold when the car is locked	●Electric adjustment ● Electric folding ●Rearview mirror memory ●Heated rearview mirrors ●Automatically flip down when reversing ● Automatically fold when the car is locked
Screen/System				
Central control color screen	●Touch LCD screen	●Touch LCD screen	●Touch LCD screen	●Touch LCD screen
Central control screen size	●12.3 inches	●12.3 inches	●12.3 inches	●12.3 inches
Bluetooth/car phone	●	●	●	●
Mobile phone interconnection/mapping	●Support HiCar	●Support HiCar	●Support HiCar	●Support HiCar
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	●Multimedia system ● Navigation ● Telephone ●Air conditioning ● Sunroof
gesture control	-	-	●	●
face recognition	-	-	●	●

Intelligent configuration				
Internet of Vehicles	●	●	●	●
4G/5G network	●4G	●4G	●4G	●4G
OTA upgrade	●	●	●	●
Wi-Fi hotspot	●	●	●	●
Mobile APP remote function	●Door control ●Window control ●Vehicle start ●Charging management ●Air conditioning control ●Vehicle condition inquiry/diagnosis ●Vehicle positioning/car search	●Door control ●Window control ●Vehicle start ●Charging management ●Air conditioning control ●Seat heating ●Vehicle condition query/diagnosis ●Vehicle positioning/car search	●Door control ●Window control ●Vehicle start ●Charging management ●Air conditioning control ●Seat heating ●Vehicle condition query/diagnosis ●Vehicle positioning/car search	●Door control ●Window control ●Vehicle start ●Charging management ●Air conditioning control ●Seat heating ●Vehicle condition query/diagnosis ●Vehicle positioning/car search
Steering wheel/Interior rearview mirror				
Steering wheel material	●Genuine leather	●Genuine leather	●Genuine leather	●Genuine leather
Steering wheel position adjustment	●Manual up and down + front and rear adjustment	●Manual up and down + front and rear adjustment	●Manual up and down + front and rear adjustment	●Manual up and down + front and rear adjustment
Shift pattern	●Electronic gear shift	●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	●Color
Full LCD instrument panel	●	●	●	●
LCD instrument size	●3.5 inches ●10.25 inches ●9.2 inches	●3.5 inches ●10.25 inches ●9.2 inches	●3.5 inches ●10.25 inches ●9.2 inches	●3.5 inches ●10.25 inches ●9.2 inches
Interior rearview mirror function	●Manual anti-dazzle	●Manual anti-dazzle	●Manual anti-glare ●Streaming media rearview mirror	●Manual anti-glare ●Streaming media rearview mirror
Charging in car				
Multimedia/charging interface	●USB	●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	●2 in the front row/2 in the back row
Mobile phone wireless charging function	●Front row	●Front row	●Front row	●Front row
Seat configuration				
seat material	●Imitation leather	●Leather/fleece material mix and match	●Leather/fleece material mix and match	●Leather/fleece material mix and match
Sports style seats	●	●	●	●
Main seat adjustment method	●Front and back adjustment ● Backrest adjustment ● Height adjustment (2-way)	●Front and back adjustment ● Backrest adjustment ● Height adjustment (4-way) ●Waist support (4-way)	●Front and back adjustment ● Backrest adjustment ● Height adjustment (4-way) ●Waist support (4-way)	●Front and back adjustment ● Backrest adjustment ● Height adjustment (4-way) ●Waist support (4-way)
Secondary seat adjustment method	●Fore and aft adjustment ● Backrest adjustment	●Front and rear adjustment ● Backrest adjustment ●Waist support (4-way)	●Front and rear adjustment ● Backrest adjustment ●Waist support (4-way)	●Front and rear adjustment ● Backrest adjustment ●Waist support (4-way)
Main/passenger seat electric adjustment	Main●/Deputy-	Main●/Deputy●	Main●/Deputy●	Main●/Deputy●
Front seat functions	-	●Heating ● Ventilation	●Heating ● Ventilation ● Massage (driver's seat only)	●Heating ● Ventilation ● Massage (driver's seat only)
Power seat memory function	-	-	●Driving position	●Driving position
Adjustable buttons for the passenger seat and rear row	-	-	●	●
Second row seat adjustment	●Backrest adjustment	●Backrest adjustment	●Backrest adjustment	●Backrest adjustment
Rear seats fold down	●Inverted proportions	●Inverted proportions	●Inverted proportions	●Inverted proportions
Front/rear center armrest	before●/after●	before●/after●	before●/after●	before●/after●
Rear cup holder	●	●	●	●
Audio/Interior lighting				
Speaker brand name	●SONY Sony	●SONY Sony	●SONY Sony	●SONY Sony
Number of speakers	●7 speakers	●7 speakers	●14 speakers	●14 speakers

Car interior ambient lighting	-	-	●64 colors	●64 colors
Air conditioner/Refrigerator				
Air conditioning temperature control method	●Automatic air conditioning	●Automatic air conditioning	●Automatic air conditioning	●Automatic air conditioning
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	-	-	●	●
Optional package				
Exterior color	Star white, interstellar gray, star diamond black, sky blue, blue blue, atomic gray	Interstellar gray, sky blue, blue blue, atomic gray, star white, star diamond black	Sky blue, blue blue, star white, interstellar gray, star diamond black, atomic gray	Frosted mica white, matte carbon gold gray
interior color	Black/Morning Red, Black, Black/Haoyue Gray, Gray/Senhai Blue	Black/Haoyue Gray, Gray/Senhai Blue, Black, Black/Morning Red	black	gray/senhai blue

Note: ●Standard ○ Optional - None