



# QINGDAO QHCY INTERNATIONAL TRADING CO., LTD.

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## SMART Elf #3 configuration sheet

	smart Elf #3 2023 Pro+ version	smart Elf #3 2023 Pulse four-wheel	smart Elf #3 2023 Premium Edition	smart elf #3 2023 BRABUS performance
Basic parameters				
Manufacturer	smart	smart	smart	smart
level	Compact SUV	Compact SUV	Compact SUV	Compact SUV
Energy type	pure electric	pure	pure electric	pure electric
time to market	2023.06	2023.06	2023.06	2023.06
CLTC pure electric	555	520	580	520
Fast charging time (hours)	0.5	0.5	0.5	0.5
Slow charging time (hours)	7.5	7.5	7.5	7.5
Fast charging percentage	10-80	10-80	10-80	10-80
Maximum	200	315	200	315
Maximum torque (N • m)	343	543	343	543
Motor (Ps)	272	428	272	428
Length*width*height (mm)	4400*1844*1556	4400*1844*1556	4400*1844*1556	4400*1844*1556
Body structure	5-door, 5-seat SUV crossover	5-door, 5-seat SUV	5-door, 5-seat SUV crossover	5-door, 5-seat SUV crossover
Maximum speed (km/h)	180	180	180	180
Official 0-100km/h	5.4	4.3	5.4	3.6
Vehicle warranty	Four years or 150,000	Four years or 150,000	Four years or 150,000	Four years or 150,000
First owner warranty policy	-	-	-	-
Body				
Length (mm)	4400	4400	4400	4400
Width (mm)	1844	1844	1844	1844
Height (mm)	1556	1556	1556	1556
Wheelbase (mm)	2785	2785	2785	2785
Front wheelbase (mm)	1584	1584	1584	1584
Rear wheelbase	1601	1601	1601	1601
Approach angle	17	17	17	17
Departure angle (°)	twenty two	twenty two	twenty two	twenty two
Maximum grade (%)	35	35	35	35
Minimum turning radius (m)	5.5	5.5	5.5	5.5

Body structure	SUV crossover	SUV	SUV crossover	SUV crossover
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
Trunk volume (L)	—	—	—	—
Drag coefficient (Cd)	0.27	0.27	0.27	0.27
Curb weight (kg)	1740	1870	1770	1870
Maximum full load mass (kg)	2124	2305	2154	2305
Electric motor				
Motor type	Permanent magnet/synchron	Permanent magnet/synch	Permanent magnet/synchrono	Permanent magnet/synchrono
Total motor power (kW)	200	315	200	315
Total motor power (Ps)	272	428	272	428
Total torque of motor (N·m)	343	543	343	543
Maximum power of front electric motor (kW)	—	115	—	115
Maximum torque of front electric motor	—	200	—	200
Maximum power of rear electric motor (kW)	200	200	200	200
Maximum torque of rear electric motor (N·m)	343	343	343	343
Number of drive motors	single motor	Dual motor	single motor	Dual motor
Motor layout	rear	Front + rear	rear	Front + rear
Battery Type	Ternary lithium battery	Ternary lithium	Ternary lithium battery	Ternary lithium battery
Battery brand	Vair Electric	Vair	Vair Electric	Vair Electric
Battery cooling method	liquid cooling	liquid cooling	liquid cooling	liquid cooling
Exchange battery	not support	not support	not support	not support
CLTC pure electric	555	520	580	520
Battery energy (kWh)	66	66	66	66
Battery energy density (Wh/kg)	184.4	184.4	184.4	184.4

Electricity consumption per 100 kilometers (kWh/100km)	-	-	-	-
Battery pack warranty	Eight years or 150,000	Eight years or 150,000	Eight years or 150,000	Eight years or 150,000
Fast charging function	support	support	support	support
Fast charging power (kW)	150	150	150	150
Fast charging time (hours)	0.5	0.5	0.5	0.5
Slow charging time (hours)	7.5	7.5	7.5	7.5
Fast charging capacity(%)	10-80	10-80	10-80	10-80
electric motor	200	315	200	315
Gearbox				
Number of gears	1	1	1	1
Gearbox type	fixed ratio	fixed ratio	fixed ratio	fixed ratio
abbreviation	Electric vehicle single speed gearbox	Electric vehicle single speed	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox
Chassis steering				
Drive mode	rear wheel drive	Dual motor four-wheel	rear wheel drive	Dual motor four-wheel drive
four-wheel drive	-	Electric four-wheel	-	Electric four-wheel drive
Center differential	-	-	-	-
Front suspension type	MacPherson independent suspension	MacPherson independent suspension	MacPherson independent suspension	MacPherson independent suspension
rear suspension type	Five-link independent suspension	Five-link independent suspension	Five-link independent suspension	Five-link independent suspension
Assist type	electric assist	electric	electric assist	electric assist
Body structure	Load-bearing	Load-bearing	Load-bearing	Load-bearing
Wheel brake				
Front brake type	ventilated disc	ventilated	ventilated disc	ventilated disc
rear brake type	ventilated disc	ventilated	ventilated disc	ventilated disc
Parking brake	Electronic	Electronic	Electronic	Electronic
Front tire specifications	245/45 R19	245/45 R19	245/45 R19	245/45 R19
Rear tire specifications	245/45 R19	245/45 R19	245/45 R19	245/45 R19
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 ●
Front middle	●	●	●	●
Tire pressure monitoring	●Tire pressure display	●Tire pressure	●Tire pressure display	●Tire pressure display
Run-flat tires	–	–	–	–
Seat belt not fastened	●The whole car	●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,	●	●	●	●
Traction control (ASR/TCS/TRC,	●	●	●	●
Body stability control (ESC/ESP/DSC,	●	●	●	●
Active safety				
Lane Departure Warning System	●	●	●	●
Active braking/active safety system	●	●	●	●
Fatigue driving tips	●	●	●	●
DOW opening	●	●	●	●
forward collision	●	●	●	●
rear collision warning	●	●	●	●
Low speed	●	●	●	●
Built-in driving recorder	●	●	●	●
roadside assistance call	–	●	●	●
Driving control				
Driving mode switch	●Sport ● Economy ● Standard/Comfortable	●Sport ● Economy ● Standard/Comfortable	●Sport ● Economy ● Standard/Comfortable	●Sport ● Economy ● Standard/Comfortable
energy recovery system	●	●	●	●
automatic	●	●	●	●
Hill assist	●	●	●	●

steep descent	●	●	●	●
Driving hardware				
Front/rear parking radar	before ● after ●	before ● after ●	before ● after ●	before ● after ●
Driving assistance	●360-degree panoramic image	●360-degree panoramic	●360-degree panoramic image	●360-degree panoramic image
Number of	●6 pieces	●6 pieces	●6 pieces	●6 pieces
Ultrasonic radar quantity	●8 pieces	●12 pieces	●12 pieces	●12 pieces
Millimeter wave radar quantity	●5 pieces	●5 pieces	●5 pieces	●5 pieces
Driving function				
cruise system	●Full-speed adaptive cruise	●Full-speed adaptive	●Full-speed adaptive cruise	●Full-speed adaptive cruise
Assisted driving level	●L2	●L2	●L2	●L2
Reverse side warning system	●	●	●	●
satellite navigation	●	●	●	●
Navigation traffic	●	●	●	●
map brand	●Gaode	●Gaode	●Gaode	●Gaode
Parallel	●	●	●	●
Lane Keeping Assist System	●	●	●	●
Lane centering	●	●	●	●
Road traffic sign recognition	●	●	●	●
Automatic	-	●	●	●
remote control parking	-	●	●	●
Automatic lane change assist	●	●	●	●
Appearance/anti-theft				
Sport appearance package	-	-	-	●
Rim material	●Aluminum	●Aluminum	●Aluminum alloy	●Aluminum alloy
Frameless design door	●	●	●	●
Electric trunk	●	●	●	●
induction trunk	-	●	●	●
Electric trunk position memory	●	●	●	●
Central locking in car	●	●	●	●
Key type	●Remote key ●Bluetooth key	●Remote key ●Bluetooth	●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	●	●	●	●
Active closing air intake	●	●	●	●
Remote start function	●	●	●	●
Battery external	●	●	●	●
Exterior lights				
low beam light source	●LED	●LED	●LED	●LED
high beam light source	●LED	●LED	●LED	●LED
Lighting	-	○Matrix	●Matrix	●Matrix
LED daytime running lights	●	●	●	●
Adaptive high and low beam automatic	●	●	●	●
car front fog lights	-	-	-	-
Headlight height adjustable	●	●	●	●
Delayed turn off of headlights	●	●	●	●
Skylight/Glass				
Skylight type	●The panoramic sunroof cannot be opened	●The panoramic sunroof	●The panoramic sunroof cannot be opened	●The panoramic sunroof cannot 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	●	●	●	●
Rear side privacy glass	-	●	●	●
Car vanity mirror	●Main driver + lighting ●Co-pilot +	●Main driver + 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 ●Heated rearview mirrors ● Automatically flip down when reversing ●	●Electric adjustment ● ●Electric folding ● Rearview mirror memory ● Heated rearview mirrors ● Automatically	●Electric adjustment ● Electric folding ● ●Rearview mirror memory ● Heated rearview mirrors ● Automatically flip down when reversing ● Automatically	●Electric adjustment ● Electric folding ● ●Rearview mirror memory ● Heated rearview mirrors ● Automatically flip down when reversing ● Automatically
Screen/System				
Central control color screen	●Touch LCD screen	●Touch LCD screen	●Touch LCD screen	●Touch LCD screen
Central control screen size	●12.8 inches	●12.8 inches	●12.8 inches	●12.8 inches
Bluetooth/car	●	●	●	●
Mobile phone interconnection/mapping	-	-	-	-
Voice recognition control system	●Multimedia system ● Navigation ● Telephone ●Air	●Multimedia system ● Navigation ● Telephone ●	●Multimedia system ● Navigation ● Telephone ●Air	●Multimedia system ● Navigation ● Telephone ●Air
Vehicle smart chip	●Qualcomm Snapdragon 8155	●Qualcomm Snapdragon	●Qualcomm Snapdragon 8155	●Qualcomm Snapdragon 8155
Vehicle system memory (GB)	●12	●12	●12	●12
Vehicle system storage (GB)	●128	●128	●128	●128
Voice wake word free	●	●	●	●
Voice area wake-up recognition	●Dual area	●Dual area	●Dual area	●Dual area
Speech continuous	●	●	●	●
It can be said that it is	●	●	●	●
Intelligent configuration				
Internet of Vehicles	●	●	●	●
4G/5G network	●4G	●4G	●4G	●4G
OTA upgrade	●	●	●	●
Wi-Fi hotspot	●	●	●	●

Mobile APP remote function	●Door control ●Vehicle start ●Charging management ● Light control ●Air conditioning control ●	●Door control ● Vehicle start ● Charging management ●Light control ●	●Door control ●Vehicle start ●Charging management ● Light control ● Air conditioning control ● Vehicle	●Door control ●Vehicle start ●Charging management ● Light control ● Air conditioning control ● Vehicle
simulated sound	-	-	-	●
Steering wheel/interior rearview mirror				
Steering wheel material	●Leather	●Genuine leather	●Genuine leather	●Genuine leather●
Steering wheel position adjustment	●Manual up and down + front and rear	●Manual up and down + front and	●Manual up and down + front and rear adjustment	●Manual up and down + front and rear adjustment
Shift pattern	●Electronic gear shifting	●Electronic gear	●Electronic gear shifting	●Electronic gear shifting
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	●9.2 inches	●9.2 inches	●9.2 inches	●9.2 inches
HUD heads up digital display	-	●	●	●
Interior rearview mirror	●Manual anti-dazzle	●Automatic anti-dazzle	●Automatic anti-dazzle	●Automatic anti-dazzle
Charging in car				
Multimedia/charging interface	●USB ●Type-C	●USB ●Type-C	●USB ●Type-C	●USB ●Type-C
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	●2 in the front row/2 in the back row	●2 in the front row/2 in the back row
Mobile phone wireless charging	●Front row	●Front row	●Front row	●Front row
Luggage compartment 12V	-	●	●	●
Seat configuration				
seat material	●Imitation	●Genuine	●Genuine	●Fleece
Sports style	●	●	●	●



Main seat adjustment method	●Front and back adjustment ●Backrest adjustment ● Height adjustment (2-	●Front and back adjustment ●Backrest adjustment ● Height adjustment (2-	●Front and back adjustment ● Backrest adjustment ● Height adjustment (2-	●Front and back adjustment ● Backrest adjustment ● Height adjustment (2-
Secondary seat adjustment method	●Front and back adjustment ●Backrest adjustment ● Height adjustment (2-	●Front and back adjustment ●Backrest adjustment ● Height adjustment (2-	●Front and back adjustment ● Backrest adjustment ● Height adjustment (2-	●Front and back adjustment ● Backrest adjustment ● Height adjustment (2-
Main/passenger seat electric	Main●Deputy●	Main●Deputy●	Main●Deputy●	Main●Deputy●
Front seat functions	●Heating	●Heating○ Ventilation	●Heating○ Ventilation	●Heating ● Ventilation
Power seat memory function	●Driving position	●Driving position	●Driving position	●Driving position
Adjustable buttons for the passenger seat	-	-	-	-
Second row seat 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	-	○Beats	●Beats	●Beats
Number of speakers	●5 speakers	●5 speakers ○13	●13 speakers	●13 speakers
Car interior ambient lighting	-	●64 colors	●64 colors	●64 colors
Air conditioner/refrigerator				
Air conditioning temperature control method	●Automatic air conditioning	●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	●	●	●	●

Car fragrance device	-	●	●	●
Optional package				
		20-inch wheels (9000) Chumyou		20-inch wheels (9000)
Exterior color	Eclipse Black/Photon Orange, Energy Red/Silence Black, Photon Orange, Energy Red/Matte Gray	Silent black, matte gray, stardust blue, moon porcelain white, eclipse black/particle white, lumen yellow/cyber	Cyber Silver, Silent Black, Particle White, Laser Red, Lumen Yellow	Lunar eclipse black/particle white, silence black, photon orange, lumen yellow/cyber silver, stardust blue, matte gray, moon porcelain white, lunar eclipse black/cyber
interior color	BRABUS black	Dark matter black, dark	Unbounded black, unbounded gray	Dark brown, dark matter black
Note: ●Standard ○ Optional - None				