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Toyota bZ3 configuration sheet

	Toyota bZ3 2023 517km Elite PRO	Toyota bZ3 2023 616km long range PRO	Toyota bZ3 2023 model 616km long range Premium
Basic parameters			
Manufacturer level	a Toyota mid-size car	a Toyota mid-size car	a Toyota mid-size car
Energy type	pure electric	pure electric	pure electric
time to market	2023.03	2023.03	2023.03
CLTC pure electric cruising range (km)	517	616	616
Fast charging time (hours)	0.45	0.45	0.45
Slow charging time (hours)	7	9.5	9.5
Fast charging percentage	80	80	80
Maximum power (kW)	135	180	180
Maximum torque (N·m)	303	303	303
Motor (Ps)	184	245	245
Length*width*height (mm)	4725*1835*1480	4725*1835*1475	4725*1835*1475
Body structure	4-door, 5-seat sedan	4-door, 5-seat sedan	4-door, 5-seat sedan
Maximum speed (km/h)	160	160	160
Official 0-100km/h acceleration (s)	-	-	-
Official 0-50km/h acceleration (s)	3.2	3.4	3.4
Electric energy equivalent fuel consumption (L/100km)	1.24	1.36	1.36
Vehicle warranty	-	-	-
First owner warranty policy	-	-	-
Body			
Length (mm)	4725	4725	4725
Width (mm)	1835	1835	1835
Height (mm)	1480	1475	1475
Wheelbase (mm)	2880	2880	2880

Front wheelbase (mm)	1580	1580	1580
Rear wheelbase (mm)	1580	1580	1580
Approach angle (°)	13	13	13
Departure angle (°)	twenty three	twenty three	twenty three
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)	439	439	439
Drag coefficient (Cd)	0.23	0.23	0.23
Curb weight (kg)	1710	1835	1840
Maximum full load mass (kg)	2145	2260	2260
Electric Motor			
Motor type	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous
Total motor power (kW)	135	180	180
Total motor power (Ps)	184	245	245
Total torque of motor (N·m)	303	303	303
Maximum power of front electric motor (kW)	135	180	180
Maximum torque of front electric motor (N·m)	303	303	303
Number of drive motors	single motor	single motor	single motor
Motor layout	prefix	prefix	prefix
Battery Type	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery
Battery brand	Ferdy	Ferdy	Ferdy
Battery cooling method	liquid cooling	liquid cooling	liquid cooling
CLTC pure electric cruising range (km)	517	616	616
Battery energy (kWh)	49.92	65.28	65.28
Battery energy density (Wh/kg)	146.39	148.7	148.7

Electricity consumption per 100 kilometers (kWh/100km)	11	12	12
Battery pack warranty	Ten years or 200,000 kilometers	Ten years or 200,000 kilometers	Ten years or 200,000 kilometers
Fast charging function	support	support	support
Fast charging power (kW)	70	90	90
Fast charging time (hours)	0.45	0.45	0.45
Slow charging time (hours)	7	9.5	9.5
Fast charging capacity (%)	80	80	80
electric motor	135	180	180
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	Toyota bZ3 2023 517km Elite PRO	Toyota bZ3 2023 616km long range PRO	Toyota bZ3 2023 model 616km long range Premium
Drive mode	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	Two-link independent suspension	Two-link independent suspension	Two-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	disc type	disc type	disc type
Parking brake type	Electronic parking	Electronic parking	Electronic parking
Front tire specifications	225/50R18	225/50R18	225/50R18
Rear tire specifications	225/50R18	225/50R18	225/50R18
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●
knee air bag	●	●	●
Tire pressure monitoring function	●Tire pressure display	●Tire pressure display	●Tire pressure display
Run-flat tires	-	-	-
Seat belt not fastened reminder	●	●	●
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	○	○	●
Moving object warning system	●	●	●
Low speed warning	●	●	●
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	●Reversing image○ 360-degree panoramic image	●Reversing image○ 360-degree panoramic image	●360-degree panoramic image
Driving Function			
cruise system	●Full-speed adaptive cruise	●Full-speed adaptive cruise	●Full-speed adaptive cruise
Assisted driving system	●Toyota Safety Sense	●Toyota Safety Sense	●Toyota Safety Sense
Assisted driving level	●L2	●L2	●L2
Reverse side warning system	○	○	●
satellite navigation system	●	●	●
Navigation traffic information display	●	●	●
map brand	●Gaode	●Gaode	●Gaode
Parallel assistance	○	○	●
Lane Keeping Assist System	●	●	●
Lane centering	●	●	●
Road traffic sign recognition	●	●	●
Appearance/Anti-theft			
Rim material	●Aluminum alloy	●Aluminum alloy	●Aluminum alloy
Electric trunk	-	-	-
Central locking in car	●	●	●
Key type	●Remote key ● Bluetooth key	●Remote key ● Bluetooth key	●Remote key ● Bluetooth key
Keyless start system	●	●	●
Keyless entry function	●Front row	●Front row	●Front row
Hidden electric door handle	●	●	●
Active closing air intake grille	●	●	●

Battery preheating	●	●	●
external discharge	-	-	○
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	●	●	●
car front fog lights	-	-	-
Headlight height adjustable	●	●	●
Delayed turn off of headlights	●	●	●
Skylight/Glass			
Skylight type	●Electric sunroof	●Electric sunroof	●Electric sunroof
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	●	●	●
Car vanity mirror	●Main driver' s seat ●Co-pilot	●Main driver' s seat ●Co-pilot	●Main driver' s seat ●Co-pilot
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 ● Heated rearview mirrors	●Electric adjustment ●Electric folding ● Heated rearview mirrors	●Electric adjustment ●Electric folding ● Heated rearview mirrors
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	○	○	●
Intelligent Configuration			
Internet of Vehicles	●	●	●
4G/5G network	●4G	●4G	●4G
OTA upgrade	●	●	●
Mobile APP remote function	●Door control ● Charging management ● Air conditioning control ●Vehicle status inquiry/diagnosis ● Vehicle positioning/car search	●Door control ● Charging management ● Air conditioning control ●Vehicle status inquiry/diagnosis ● Vehicle positioning/car search	●Door control ● Charging management ● Air conditioning control ●Vehicle status inquiry/diagnosis ● Vehicle positioning/car search
Steering wheel/Interior rearview mirror			
Steering wheel material	●Plastic○Genuine leather	●Plastic○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
Shift pattern	●Electronic knob shift	●Electronic knob shift	●Electronic knob 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	-	-	-
Interior rearview mirror function	●Manual anti-glare○ Automatic anti-glare	●Manual anti-glare○ Automatic anti-glare	●Automatic anti-dazzle
Charging in car			
Multimedia/charging interface	●USB ●Type-C	●USB ●Type-C	●USB ●Type-C
Number of USB/Type-C interfaces	●3 people in the front row/2 people in the back row	●3 people in the front row/2 people in the back row	●3 people in the front row/2 people in the back row

Mobile phone wireless charging function	-	-	●Front row
Seat Configuration			
seat material	●Imitation leather	●Imitation leather	●Imitation leather
Main seat adjustment method	●Front and back adjustment ●Backrest adjustment ●Height adjustment (2-way)	●Front and back adjustment ●Backrest adjustment ●Height adjustment (2-way)	●Front and back adjustment ●Backrest adjustment ●Height adjustment (2-way)
Secondary seat adjustment method	●Fore and aft adjustment ●Backrest adjustment	●Fore and aft adjustment ●Backrest adjustment	●Fore and aft adjustment ●Backrest adjustment
Main/passenger seat electric adjustment	Main●/Deputy○	Main●/Deputy○	Main●/Deputy●
Front seat functions	○Heating	○Heating	●Heating
Power seat memory function	-	-	-
Adjustable buttons for the passenger seat and rear row	-	-	-
Second row seat adjustment	-	-	-
Second row seat functions	○Heating	○Heating	●Heating
Rear seats fold down	-	-	-
Front/rear center armrest	Before●/After-	Before●/After-	before●/after●
Rear cup holder	-	-	●
Audio/interior lighting			
Speaker brand name	-	-	-
Number of speakers	●6 speakers	●6 speakers	●7 speakers
Car interior ambient lighting	○31 colors	○31 colors	●31 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	-	-	●
Optional package			
	Intelligent Safety Assistance Package(1) Advanced Intelligent Package(1)	Intelligent Safety Assistance Package(1) Advanced Comfort Package(1)	
Exterior color	Streaming silver, Moyuan black, silk amber brown, platinum white, black/crystal quenched gray, black/liquid silver, black/mica red, mica red, black/silk amber brown, black/platinum white, crystal quenching gray	Black/platinum white, black/silk amber brown, platinum white, black/crystal quenching gray, black/liquid silver, black/mica red, crystal quenching gray, silk amber brown, liquid silver, ink black, mica red	Crystal quenched gray, platinum white, black/crystal quenched gray, black/silk amber brown, black/liquid silver, black/mica red, black/platinum white, silk amber brown, liquid silver, ink black, mica red
interior color	Black/elegant gray, black/golden sand brown, ink gold black	Ink gold black, black/elegant gray, black/golden sand brown	Black/elegant gray, black/golden sand brown, ink gold black
Note: ●Standard ○ Optional - None			