

(LHD) TOYOTA BZ4X EV AT MY2022 - BLACK

VEHICLE CODE: BZ4XEV_3

Level:	midsize suv
Energy type:	pure electric
Time to market:	2022.1
Electric motor:	pure electric 218 horsepower
Pure electric cruising range (km):	560
Charging time (hours):	fast charge 0.83 hours, slow charge 7 hours
Fast charge capacity (%):	80
Maximum power (kw):	160 (218ps)
Maximum torque (n m):	337
Gearbox:	electric vehicle single speed gearbox
L x w x h (mm):	4690x1860x1650
Body structure:	5-door, 5-seat suv
Maximum speed (km/h):	160
Official 100 km acceleration time (s)	
Power consumption per 100km:	13.1



Bodywork

Length(mm):	4690
Width(mm):	1860
Height(mm):	1650
Wheelbase(mm):	2850
Front track(mm):	1600
Rear track(mm):	1610
Body structure:	suv
Number of doors (pcs):	5
Door opening method:	side hinged door.
Number of seats (pieces):	5
Curb weight (kg):	2000
Full load mass (kg):	2550
Luggage compartment volume (l):	452
Drag coefficient (cd):	0.28

Electric motor

Motor description:	pure electric 218 horsepower
Motor type:	permanent magnet/synchronous
Total motor power (kw):	160
Total electric motor horsepower (ps):	218
Total motor torque (n m):	337
Maximum power of front motor (kw):	80
Maximum torque of front motor (n m):	168.5
Maximum power of rear motor (kw):	80
Maximum torque of rear motor (n m):	168.5
Number of drive motors:	dual motor
Motor layout:	front + rear

Charging batteries

Battery type:	ternary lithium battery
Battery brand:	catl
Battery capacity (kwh):	66.7
Battery energy density (wh/kg):	152
Charging batteries:	fast charging interface
Fast charge 0.83 hours, slow charge 7 hours	
Fast charging interface location:	left fender
Slow charging interface location:	right fender
Battery temperature management system:	low temperature heating
Liquid cooling	
Charging pile	

Gearbox

Gearbox description:	electric vehicle single speed gearbox
Number of gears:	1
Gearbox type:	fixed gear ratio gearbox

Chassis/steering

Drive mode:	dual motor four-wheel drive
4wd type:	electric four-wheel drive
Front suspension form:	macpherson independent suspension
Rear suspension form:	double wishbone independent suspension
Steering type:	electric assist
Body structure:	load bearing

Wheels/brakes

Front brake type:	ventilated disc
Rear brake type:	ventilated disc
Parking brake type:	electronic parking
Front tire specifications:	235/60 r18
Rear tire specification:	235/60 r18

Active security

Standard	
Abs anti-lock:	standard
Brake force distribution (ebd/cbc, etc.):	standard
Brake assist (eba/ba, etc.):	standard
Traction control (tcs/asr, etc.):	standard
Body stability system (esp/dsc, etc.):	standard
Active safety warning system:	lane departure warning
Forward collision warning	
Reversing side warning	
Active braking:	standard
Parallel assist:	optional
Lane keeping assist:	standard
Lane cantering:	standard
Road traffic sign recognition:	standard

Passive safety

Standard	
Front airbags:	main driver's seat
Co-pilot seat	
Side airbags:	front row
Side curtain airbags:	standard
Front knee airbag:	main driver's seat
Co-pilot seat	
Seat belts are not fastened reminder:	standard
Tire pressure monitoring system:	tire pressure alarm
Child seat interface (isofix):	standard

Safety tire

Assist/manoeuvre configuration:	standard
Parking radar:	forward
Rear	
Driving assistance video:	reverse image
360° panoramic image	
Cruise system:	adaptive cruise
full speed adaptive cruise	
Cruise control	
Assisted driving level:	level I2
Automatic parking into position:	optional
Automatic parking (autohold):	standard
Hill assist (hac):	standard
Hill descent (hdc):	standard
Driving mode selection:	eco
Snow	
Off-road	
Brake energy recovery system:	standard
Low-speed driving warning sound:	standard

External configuration:

Sunroof type:	standard
Roof rack:	segmented non-openable panoramic sunroof
Active closing grille	standard
Aluminium alloy wheels:	standard

Internal configuration:

Steering wheel material:	standard
Steering wheel adjustment:	genuine leather
Steering wheel function:	up and down + front and rear
Heating	multi-function control
Trip computer screen:	colored
Lcd instrument style:	full lcd
Lcd meter size (in):	7

Comfort/anti-theft configuration:

Electric suction door	standard
Electric tailgate	
Inductive rear tailgate	
Electric rear tailgate position memory	
Interior central lock	
Key fob type:	smart remote key
Keyless entry:	front row
Whole car	
Keyless start:	standard
Remote start	
Head-up display system (hud)	

Built-in driving recorder
Active noise cancellation
Mobile phone wireless charging: standard
Luggage compartment 12v power interface

Seat configuration:	standard
Seat material:	genuine leather + imitation leather
Seat layout: 2+3	
Second row of freestanding seats	
Third row seats	
Electric seat adjustment:	main driver's seat
Co-pilot seat	
Overall adjustment of the driver's seat:	move back and forth.
Backrest angle	
Height adjustment	
Local adjustment of the driver's seat:	headrest
Waist	
Overall adjustment of the passenger seat:	move back and forth.
Backrest angle	
Local adjustment of the passenger seat:	headrest
Second row seat overall adjustment:	backrest angle adjustment
Second row seat local adjustment	
Front seat function:	heating
Ventilation	
Memory (main driver)	
Front/rear armrests: front row.	
Back row	
Rear cup holder:	standard
Rear seat reclining ratio:	40: 60.
Intelligent interconnection:	standard
Central control screen size (inches):	12.3 inches
Screen layout:	traditional dual-screen layout
Gps navigation system:	standard
Navigation traffic information display:	standard
Roadside assistance service:	standard
Bluetooth/car phone	
Mobile internet mapping	
Internet of vehicles:	standard
Ota upgrade:	standard
Face recognition:	standard
Voice recognition control system:	standard
Voice sub-area wake-up recognition function:	main driver
Voice assistant wake word:	hello yue

Audio-visual entertainment:	standard
Multimedia interface:	usb/type-c
Number of usb/type-c ports:	2 in front 2 in the back
Audio brand:	ojobl
Number of speakers (pcs):	6
Lighting configuration:	standard
Low beam:	led
High beam:	led
Daytime running lights:	standard.
Adaptive high and low beams:	standard
Automatic headlights:	standard
Front fog lights	
Headlight follow-up steering (afs)	
Headlight height adjustment:	standard
Interior ambient light	
Lighting features	
Headlights turn off.	
Headlight rain and fog mode	
Glass/rear-view mirror:	standard
Power windows: front row	
Back row	
One-button lift of windows:	whole car.
Window anti-pinch function:	standard
Exterior mirror function:	electric adjustment
heating	
Electric folding	
memory	
Automatic downturn when reversing	
Automatic folding when locking the car.	
Inside rear-view mirror function: automatic anti-glare	
Interior vanity mirror: main driver's seat + lighting	
Co-pilot seat + lighting	
Rear privacy glass	
Rain-sensing wipers:	standard
Rear wipers	
Heated water nozzle	
Air conditioner/fridge:	standard
Air conditioning control method:	automatic
Rear independent air conditioner.	
Rear air outlet:	standard

Temperature zone control: dual-zone air conditioning
Car air purifier
Pm2.5 filter in the car: standard.
Negative ion generator

Intelligent configuration

Assisted driving operating system: third-generation Toyota safety sense
Mobile app remote control: service appointment
Vehicle monitoring
Charge management
Remote control
odigital key
Heat pump management system: standard
Number of cameras: 5
Ultrasonic radar quantity: 8
Number of millimetre wave radars (units): 1