

(LHD) TOYOTA BZ4X EV AT MY2022 - WHITE

VEHICLE CODE: BZ4XEV_3

Manufacturer: Toyota
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 L2

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: Standard

sunroof type: Segmented non-openable panoramic sunroof

roof rack: Standard

Active closing grille

Aluminium alloy wheels: Standard

Internal Configuration: Standard

Steering wheel material: Genuine leather

Steering wheel adjustment: up and down + front and rear

Steering wheel function: multi-function control

Heating

Trip computer screen: colored

LCD instrument style: Full LCD

LCD meter size (in): 7

Comfort/Anti-theft Configuration: Standard

Electric suction door

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: OJBL
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



