HILUCK Your Trusted Chinese EV	Volkswagen ID.7 VIZZION 2024 AIR	Volkswagen ID.7 VIZZION 2024 First Edition	Volkswagen ID.7 VIZZION 2024 PRO	Volkswagen ID.7 VIZZION 2024 PRIME	Volkswagen ID.7 VIZZION 2024 170kW rear-wheel drive version
Partner	-	-	-	-	-
	_				
Basic parameters (• Standard					
Manufacturer	FAW-Volkswagen	FAW-Volkswagen	FAW-Volkswagen	FAW-Volkswagen	FAW-Volkswagen
level	mid-size car	mid-size car	mid-size car	mid-size car	mid-size car
Energy type	Pure electric	Pure electric	Pure electric	Pure electric	Pure electric
Time to market	2023.12	2023.12	2023.12	2023.12	-
CLTC pure electric range (km)	642	642	642	570	-
Maximum power (kW)	150	150	150	230	170
Maximum torque (N·m)	310	310	310	472	-
Body structure	5-door, 5-seat hatchback	5-door, 5-seat hatchback	5-door, 5-seat hatchback	5-door, 5-seat hatchback	5-door, 5-seat hatchback
Motor (Ps)	204	204	204	313	231
Length*Width*Height(mm)	4956*1862*1537	4956*1862*1537	4956*1862*1537	4956*1862*1537	4956*1862*1537
Official 0-100km/h acceleration (s)	-	-	1	-	-
Maximum speed (km/h)	155	155	155	155	155
Electric energy equivalent fuel consumption (L/100km)	1.55	1.55	1.55	1.74	-
Curb mass (kg)	2122	2122	2122	2232	2122
Maximum full load mass (kg)	2590	2590	2590	2700	2590
body (• Standard ○ Optional - N/.	Α)				
Length (mm)	4956	4956	4956	4956	4956
Width (mm)	1862	1862	1862	1862	1862
Height (mm)	1537	1537	1537	1537	1537
Wheelbase (mm)	2965	2965	2965	2965	2965
Front wheelbase (mm)	1598	1598	1598	1598	1598
Rear track (mm)	1575	1575	1575	1575	1575
Approach angle (°)	15	15	15	15	15
Departure angle (°)	15	15	15	15	15
Body structure	hatchback	hatchback	hatchback	hatchback	hatchback
Door opening method	swing door	swing door	swing door	swing door	swing door
Number of doors	• 5	• 5	• 5	• 5	• 5
Number of seats	• 5	• 5	• 5	• 5	• 5
Trunk volume (L)	521	521	521	521	521
Drag coefficient (Cd)	0.23	0.23	0.23	0.23	0.23

electric motor (• Standard O Optional - N/A)

Front motor model	-	-	-	EDX	-
Rear motor model	EDV	EDV	EDV	EDV	EEV
Motor type	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous	AC/asynchronous at the front and permanent magnet/synchronous at the back	Permanent magnet/synchronous
Total motor power (kW)	150	150	150	230	170
Total motor horsepower (Ps)	204	204	204	313	231
Total torque of the motor (N·m)	310	310	310	472	-
Maximum power of front motor (kW)	-	-	-	80	
Maximum torque of front motor (N·m)	-	-	-	162	
Maximum power of rear motor (kW)	150	150	150	150	170
Maximum torque of rear motor (N·m)	310	310	310	310	
Number of drive motors	Single motor	Single motor	Single motor	Dual motors	Single motor
Motor layout	Post	Post	Post	Front + rear	Post

Battery/Charging (• Standard ○ Optional - N/A)

Battery Type	• Ternary lithium battery	Ternary lithium battery			• Ternary lithium battery
Battery cell brand	• FAW-Shijiazhuang	• FAW-Shijiazhuang	• FAW-Shijiazhuang • FAW-Shijiazhuang		• FAW-Shijiazhuang
Battery cooling method	Liquid Cooling	Liquid Cooling	Liquid Cooling	Liquid Cooling	Liquid Cooling
CLTC pure electric range (km)	642	642	642	570	-
Battery energy (kWh)	84.8	84.8	84.8	84.8	-
Power consumption per 100 kilometers (kWh/100km)	13.7	13.7	13.7	15.4	-
Fast charging function	support	support	support	support	support
Fast charging power (kW)	100	100	100	100	100
Slow charging port location	Right rear side of the car	Right rear side of the car	Right rear side of the car	Right rear side of the car	Right rear side of the car
Fast charging port location	Right rear side of the car	Right rear side of the car	Right rear side of the car	Right rear side of the car	Right rear side of the car

$\textbf{gearbox} \quad (\bullet \text{ Standard} \bigcirc \text{Optional - N/A})$

Abbreviation	Electric vehicle single- speed transmission				
Number of gears	1	1	1	1	1
Transmission type	Fixed gear ratio gearbox				

Chassis steering (• Standard ○ Optional - N/A)

Drive mode	Rear-engine, rear- wheel drive	• Rear-engine, rear- wheel drive	• Rear-engine, rear- wheel drive	 Dual-motor four- wheel drive 	• Rear-engine, rear- wheel drive
Four-wheel drive	-	-	-	• Electric four-wheel drive	-
Front suspension type	McPherson independent suspension	McPherson independent suspension	McPherson independent suspension	McPherson independent suspension	McPherson independent suspension
Rear suspension type	• Five-link independent suspension	• Five-link independent suspension	• Five-link independent suspension	• Five-link independent suspension	• Five-link independent suspension
Power type	• Electric power steering	• Electric power steering	• Electric power steering	• Electric power steering	Electric power steering
Body structure	load-bearing	load-bearing	load-bearing	load-bearing	load-bearing

wheel brakes (• Standard O Optional - N/A)

Front brake type	 Ventilated disc type 	 Ventilated disc type 	• Ventilated disc type • Ventilated disc type		 Ventilated disc type
Rear brake type	• Drum	• Drum	• Drum	• Drum	• Drum
Parking brake type	Electronic parking brake	Electronic parking brake	Electronic parking brake	• Electronic parking brake	• Electronic parking brake
Front tire specifications	• 235/55 R18	• 235/50 R19	• 235/50 R19	• 235/45 R20	• 235/50 R19
Rear tire specifications	• 235/55 R18	• 235/50 R19	• 235/50 R19	• 235/45 R20	• 235/50 R19
Spare tire specifications	• none	• none	• none	• none	• none

Passive safety (• Standard ○ Optional - N/A)

Driver/passenger seat airbags	hoste / Vicee	host∙ / Vice∙	hoste / Vicee	host• / Vice•	-
Front/rear side airbags	forward• / back-	forward• / back-	forward● / back-	forward● / back-	-
Front/rear head airbags (air curtain)	forward● / back●	forward● / back●	forward• / back•	forward• / back•	-
Run-flat tires	•	•	•	•	-

$\textbf{Active safety} \quad \textbf{(} \bullet \textbf{Standard} \bigcirc \textbf{Optional - N/A} \textbf{)}$

ABS anti-lock braking system	•	•	•	•	-
Braking force distribution (EBD/CBC, etc.)	•	•	•	•	-
Brake assist (EBA/BAS/BA, etc.)	•	•	•	•	-
Traction control (ASR/TCS/TRC, etc.)	•	•	•	•	-
Vehicle stability control (ESC/ESP/DSC, etc.)	•	•	•	•	-
Tire pressure monitoring function	Tire pressure display	Tire pressure display	Tire pressure display	• Tire pressure display	-
Seat belt unfastened reminder	• whole vehicle	• whole vehicle	• whole vehicle	• whole vehicle	-
ISOFIX child seat interface	•	•	•	•	-
Lane Departure Warning System	•	•	•	•	-

Active braking/active safety systems	•	•	•	•	-
Fatigue driving tips	•	•	•	•	-
DOW door opening warning	-	•	•	•	-
Forward Collision Warning	•	•	•	•	-
Low speed warning	•	•	•	•	-
Roadside assistance call	•	•	•	•	-

Driving control (• Standard ○ Optional - N/A)

Driving mode switch	sportseconomyStandard/ComfortCustomization/Personaliz	sportseconomyStandard/ComfortCustomization/Personalization		sportseconomyStandard/ComfortCustomization/Personalization		• Cu	 sports economy Standard/Comfort Customization/Personalization 	
Energy recovery system	•	•	•		•		-	
Automatic parking	•	•	•		•		-	
Hill-start assist	•	•	•		•		-	

Driving hardware (• Standard ○ Optional - N/A)

Front/rear parking radar	forward● / back●	forward● / back●	forward• / back•	forward● / back●	-
Driving assistance images	• 360-degree panoramic images	• 360-degree panoramic images	• 360-degree panoramic images	• 360-degree panoramic images	-
Forward perception camera	 Monocular 	Monocular	 Monocular 	Monocular	-
Number of cameras	• 5	• 5	• 5	• 5	-
Number of ultrasonic radars	• 12	• 12	• 12	• 12	-
Number of millimeter-wave radars	• 2	• 2	• 2	• 2	-

Driving functions (• Standard ○ Optional - N/A)

Cruise control system	 Full-speed adaptive cruise control 	-			
Assisted driving system	• Travel Assist 2.0	• Travel Assist 3.0	• Travel Assist 3.0	• Travel Assist 3.0	-
Driving assistance level	• L2	• L2	• L2	• L2	-
Reversing side warning system	•	•	•	•	-
Satellite navigation system	•	•	•	•	-
Navigation traffic information display	•	•	•	•	-
Map Brand	• Gaode	• Gaode	• Gaode	 Gaode 	-
Lane change assistance	•	•	•	•	-
Lane Keeping Assist System	•	•	•	•	-
Lane centering	•	•	•	•	-
Road traffic sign recognition	•	•	•	•	-

Assisted parking	-	•	•	•	-
Memory Parking	-	•	•	•	-
Assisted lane change	-	•	•	•	-
Hands-off steering wheel detection	•	•	•	•	-

Appearance/anti-theft (• Standard ○ Optional - N/A)

Rim material	• aluminum alloy	• aluminum alloy	• aluminum alloy	aluminum alloy	-
Electric trunk	•	•	•	•	-
Sensor trunk	•	•	•	•	-
Central locking system in the car	•	•	•	•	-
Key type	• remote control key	-			
Keyless start system	•	•	•	•	-
Keyless entry function	• whole vehicle	• whole vehicle	• whole vehicle	• whole vehicle	-
Active closed grille	•	•	•	•	-
Remote start function	•	•	•	•	-

Exterior lights (• Standard O Optional - N/A)

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 headlights	•	•	•	•	-
Turn assist lights	•	•	•	•	-
Front fog lights	-	-	-	-	-
Headlight rain and fog mode	•	•	•	•	-
Headlight height adjustable	•	•	•	•	-
Headlights delayed off	•	•	•	•	-

Skylight/Glass (• Standard ○ Optional - N/A)

Skylight Type	 The panoramic sunroof cannot be opened 	-			
Light-sensitive skylight	-	-	○ (5000 yuan)	•	-
Front/rear electric windows	forward• / back•	forward • / back •	forward• / back•	forward● / back●	-
One-touch window lift function	• whole vehicle	• whole vehicle	• whole vehicle	• whole vehicle	-
Window anti-pinch function	•	•	•	•	-

Side window multi-layer soundproof glass	• whole vehicle	• whole vehicle	• whole vehicle	• whole vehicle	-
Car makeup mirror	Main driving light + lightingCo-pilot + lighting	-			
rear wiper	-	-	-	-	-
Rain sensor wiper function	• Rain sensor	Rain sensor	• Rain sensor	• Rain sensor	-
Heated water nozzle	-	-	0	•	-

exterior mirrors (• Standard O Optional - N/A)

	 Electric adjustment Electric folding	Electric adjustmentElectric folding	Electric adjustmentElectric folding	Electric adjustmentElectric folding
Exterior rearview mirror	 Heated rearview 	 Heated rearview 	 Heated rearview 	 Heated rearview
function	mirrors	mirrors	mirrors	mirrors
	 Automatic folding 	 Automatic folding 	 Automatic folding 	 Automatic folding
	when locking the car	when locking the car	when locking the car	when locking the car

Screen/System (• Standard ○ Optional - N/A)

Central control color screen	• Touch LCD screen	• Touch LCD screen	• Touch LCD screen	• Touch LCD screen	-
Central control screen size	• 15 inches	• 15 inches	• 15 inches	• 15 inches	-
Central control screen type	• LCD	• LCD	• LCD	• LCD	-
Central control screen resolution	• 2K	• 2K	• 2K	• 2K	-
Bluetooth/car phone	•	•	•	•	-
Mobile phone interconnection/mapping	CarPlay supportSupport CarLife	CarPlay supportSupport CarLife	CarPlay supportSupport CarLife	CarPlay supportSupport CarLife	-
Voice recognition control system	 Multimedia system navigation Telephone air conditioner 	 Multimedia system navigation Telephone air conditioner 	 Multimedia system navigation Telephone air conditioner 	 Multimedia system navigation Telephone air conditioner 	-
Voice assistant wake-up word	 Hello, Volkswagen 	• Hello, Volkswagen	• Hello, Volkswagen	• Hello, Volkswagen	-
Voice wake-up word-free	•	•	•	•	-
Voice wake-up recognition by region	• Dual Region	• Dual Region	• Dual Region	Dual Region	-
Continuous Speech Recognition	•	•	•	•	-
Seeing is telling	•	•	•	•	-
In-vehicle intelligent system	• ID OS	• ID OS	• ID OS	• ID OS	-
Rear LCD screen	0	0	0	0	-
Vehicle system memory (GB)	• 16	• 16	• 16	• 16	-

Intelligent configuration (• Standard O Optional - N/A)

Internet of Vehicles	•	•	•	•	-
4G/5G network	• 4G	• 4G	• 4G	• 4G	-
OTA upgrade	-	-	-	-	-

• Schedule • Schedule • Schedule • Schedule maintenance/repair maintenance/repair maintenance/repair maintenance/repair

Steering wheel/interior rearview mirror (• Standard O Optional - N/A)

Steering wheel material	• cortex	• cortex	• cortex	• cortex	-
Steering wheel position adjustment	 Manual up and down front and back adjustment 	 Manual up and down front and back adjustment 	 Manual up and down + front and back adjustment 	Manual up and down + front and back adjustment	
Gear shifting	• Electronic knob shift	• Electronic knob shift	• Electronic knob shift	Electronic knob shift	-
Multi-function steering wheel	•	•	•	•	-
Heated steering wheel	-	0	•	0	-
Steering wheel memory	-	-	-	-	-
Trip computer display screen	• color	• color	• color	• color	-
Full LCD instrument panel	•	•	0.	•	-
LCD instrument size	-	-	-	-	-
AR-HUD Augmented Reality Head-Up Display	•	·	•	•	-
HUD head-up size	• 70 inches	• 70 inches	• 70 inches	• 70 inches	-
Interior rearview mirror function	Manual anti-glare	Automatic anti-glare	Automatic anti-glare	Automatic anti-glare	-

In-car charging (• Standard ○ Optional - N/A)

Multimedia/charging port	USBType-C	USBType-C	USBType-C	USBType-C	-
Number of USB/Type-C ports	• 3 front seats/2 back seats	-			
Mobile phone wireless charging function	• front row	• front row	• front row	• front row	-
Mobile phone wireless charging power	• 15W	• 15W	• 15W	• 15W	-

$\textbf{Seat configuration} \quad \textbf{(} \bullet \textbf{Standard} \bigcirc \textbf{Optional - N/A} \textbf{)}$

Seat material • imitation leather	 Leather/suede material mix 	 Leather/suede material mix 	• Leather/suede material mix	-
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	Front and rear	Front and rear	Front and rear	Front and rear	
	adjustment	adjustment	adjustment	adjustment	
Main seat adjustment method	Backrest adjustmentHeight adjustment (2-	-			
	way)	way)	way)	way)	
	• Lumbar support (2-	• Lumbar support (2-	 Lumbar support (2- 	• Lumbar support (2-	
	way)	way)	way)	way)	
	• Front and rear				
	adjustment	adjustment	adjustment	adjustment	
Passenger seat adjustment	Backrest adjustmentHeight adjustment (2-	-			
method	way)	way)	way)	way)	
	• Lumbar support (2-				
	way)	way)	way)	way)	
Driver/passenger seat electric adjustment	host∙ / Vice∙	host∙ / Vice∙	host∙ / Vice∙	host∙ / Vice∙	-
Front seat functions	-	heatingVentilation (3500	• heating	heatingVentilation (3500	-
		yuan)	ventilation	yuan)	
Electric seat memory function	-	-	-	-	-
Co-pilot rear seat adjustable buttons	-	-	-	-	-
Second row seat adjustment	-	-	-	-	-
Second row seat functions	-) heating	heating	○ heating	-
Rear seat folding	Proportional down	Proportional down	Proportional down	Proportional down	-
Front/rear center armrest	forward● / back●	forward∙ / back∙	forward• / back•	forward● / back●	-
Rear cup holder	•	•	•	•	-

Audio/Interior Lighting (• Standard O Optional - N/A)

Speaker brand name	-	O Harman/Kardon (4000 yuan)	O Harman/Kardon (4000 yuan)	• Harman/Kardon	-
Number of speakers	• 9 speakers	• 9 speakers O 14 speakers (4000 yuan)	• 9 speakers O 14 speakers (4000 yuan)	• 14 speakers	-
Touch-sensitive reading light	•	•	•	•	-
Interior ambient lighting	 Multicolor 	 Multicolor 	Multicolor	 Multicolor 	-

$\textbf{Air conditioning/refrigerator} \quad \textbf{(} \bullet \textbf{Standard} \ \bigcirc \textbf{Optional - N/A} \ \textbf{)}$

Air conditioning temperature control method	 Automatic air conditioning 	-			
heat pump air conditioner	-	-	0	•	-
Rear independent air conditioning	-	0	•	0	-
Rear seat air vents	•	•	•	•	-
Temperature zone control	•	•	•	•	-
Car air purifier	-	0	•	0	-
In-car PM2.5 filter	•	•	•	•	-

Negative ion generator	-	0	•	0	-		
Air quality monitoring	•	•	•	•	-		
color (• Standard ○ Optional - N/A	A)						
Appearance color	Polar White Star Blue Silver Birch Gray Ice Cypress Blue Maple Leaf Red Y3000	Pearlescent White ¥3000 Star Blue Silver Birch Gray	Pearlescent White ¥3000 Star Blue Silver Birch Gray Ice Cypress Blue Maple Leaf Red Spruce Green	Pearlescent White ¥3000 Star Blue Silver Birch Gray Ice Cypress Blue ¥3000 Maple Leaf Red ¥3000 Spruce Green	-		
Interior color	■ Black	English stone white Star Black	Star Black Spruce Green	Black Gold	-		
Optional Package (• Standard O Optional - N/A)							
Winter Warmth Set	-	Includes: heated steering wheel, heated front and rear seats, three-zone intelligent air conditioning (with rear display), negative ion air purification function Optional (3500 yuan)		Includes: heated steering wheel, heated front and rear seats, three-zone intelligent air conditioning (with rear display), negative ion air purification function Optional (3500 yuan)	-		
Summer Comfort Set	-	Includes: front seat ventilation, premium eco-leather & Microfiber inlays, and perforated seats, effectively avoiding the heat and humidity for a cool summer O Optional (3500 yuan)	-	Includes: front seat ventilation, premium eco-leather & Microfiber inlays, and perforated seats, effectively avoiding the heat and humidity for a cool summer O Optional (3500 yuan)	-		
CO2 heat pump air conditioning system	-	-	Includes: front windshield washer nozzle heating, front windshield heating, CO2 heat pump air conditioning system O Optional (9000 yuan)	-	-		