

HILUCK Your Trusted Chinese EV Partner	Passat New Energy 2025 430PHEV Hybrid Business Edition -	Passat New Energy 2023 430PHEV Hybrid Elite Edition -	Passat New Energy 2023 430PHEV Hybrid Luxury Edition -
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Basic parameters (● Standard ○ Optional - N/A)

Manufacturer	SAIC Volkswagen	SAIC Volkswagen	SAIC Volkswagen
level	mid-size car	mid-size car	mid-size car
Energy type	plug-in hybrid	plug-in hybrid	plug-in hybrid
Environmental standards	National VI	National VI	National VI
Time to market	2024.09	2022.09	2022.09
NEDC pure electric range (km)	63	63	63
WLTC pure electric range (km)	52	52	52
Maximum power (kW)	155	155	155
Maximum torque (N·m)	400	400	400
gearbox	6-speed wet dual clutch	6-speed wet dual clutch	6-speed wet dual clutch
Body structure	4-door, 5-seater sedan	4-door, 5-seater sedan	4-door, 5-seater sedan
engine	1.4T 150 horsepower L4	1.4T 150 horsepower L4	1.4T 150 horsepower L4
Motor (Ps)	116	116	116
Length*Width*Height(mm)	4948*1836*1469	4948*1836*1469	4948*1836*1469
Official 0-100km/h acceleration (s)	7.7	7.7	7.7
Maximum speed (km/h)	200	200	200
NEDC comprehensive fuel consumption (L/100km)	1.4	1.4	1.4
WLTC comprehensive fuel consumption (L/100km)	2.23	2.23	2.23
Minimum state of charge fuel consumption (L/100km)	5.5	5.5	5.5
Electric energy equivalent fuel consumption (L/100km)	2.06	2.06	2.06

Curb mass (kg)	1750	1750	1750
Maximum full load mass (kg)	2210	2210	2210

body (● Standard ○ Optional - N/A)

Length (mm)	4948	4948	4948
Width (mm)	1836	1836	1836
Height (mm)	1469	1469	1469
Wheelbase (mm)	2871	2871	2871
Front wheelbase (mm)	1584	1584	1584
Rear track (mm)	1570	1570	1570
Approach angle (°)	14	14	14
Departure angle (°)	14	14	14
Body structure	sedan	sedan	sedan
Door opening method	swing door	swing door	swing door
Number of doors	● 4	● 4	● 4
Number of seats	● 5	● 5	● 5
Fuel tank capacity (L)	50	50	50
Trunk volume (L)	400	400	400
Drag coefficient (Cd)	-	-	-

engine (● Standard ○ Optional - N/A)

Engine model	EA211-DXJ	EA211-DXJ	EA211-DXJ
Displacement (mL)	1395	1395	1395
Displacement (L)	1.4	1.4	1.4
Intake form	turbocharged	turbocharged	turbocharged
Engine layout	horizontal	horizontal	horizontal
Cylinder arrangement	L	L	L
Number of cylinders	4	4	4

Number of valves per cylinder	4	4	4
valve train	DOHC	DOHC	DOHC
Maximum horsepower (Ps)	150	150	150
Maximum power (kW)	110	110	110
Maximum power speed (rpm)	6000	6000	6000
Maximum torque (N·m)	250	250	250
Maximum torque speed (rpm)	1750-2000	1750-2000	1750-2000
Maximum net power (kW)	110	110	110
Energy type	plug-in hybrid	plug-in hybrid	plug-in hybrid
Fuel grade	No. 95	No. 95	No. 95
Oil supply method	Direct injection	Direct injection	Direct injection
Cylinder head material	aluminum alloy	aluminum alloy	aluminum alloy
Cylinder material	aluminum alloy	aluminum alloy	aluminum alloy
Environmental standards	National VI	National VI	National VI

electric motor (● Standard ○ Optional - N/A)

Motor type	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous
Total motor power (kW)	85	85	85
Total motor horsepower (Ps)	116	116	116
Total torque of the motor (N·m)	330	330	330
Maximum power of front motor (kW)	85	85	85
Maximum torque of front motor (N·m)	330	330	330
System total power (kW)	155	155	155
System comprehensive power (Ps)	211	211	211
System comprehensive torque (N·m)	400	400	400

Number of drive motors	Single motor	Single motor	Single motor
Motor layout	Pre	Pre	Pre

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

Battery Type	● Ternary lithium battery	● Ternary lithium battery	● Ternary lithium battery
Battery cell brand	● SAIC Volkswagen	● SAIC Volkswagen	● SAIC Volkswagen
Battery cooling method	Liquid Cooling	Liquid Cooling	Liquid Cooling
NEDC pure electric range (km)	63	63	63
WLTC pure electric range (km)	52	52	52
Battery energy (kWh)	13	13	13
Power consumption per 100 kilometers (kWh/100km)	18.2	18.2	18.2

gearbox (● Standard ○ Optional - N/A)

Abbreviation	6-speed wet dual clutch	6-speed wet dual clutch	6-speed wet dual clutch
Number of gears	6	6	6
Transmission type	Wet dual-clutch transmission (DCT)	Wet dual-clutch transmission (DCT)	Wet dual-clutch transmission (DCT)

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

Drive mode	● Front-engine, front-wheel drive	● Front-engine, front-wheel drive	● Front-engine, front-wheel drive
Front suspension type	● McPherson independent suspension	● McPherson independent suspension	● McPherson independent suspension
Rear suspension type	● Multi-link independent suspension	● Multi-link independent suspension	● Multi-link independent suspension
Power type	● Electric power steering	● Electric power steering	● Electric power steering
Body structure	load-bearing	load-bearing	load-bearing

wheel brakes (● Standard ○ Optional - N/A)

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Front brake type	● Ventilated disc type	● Ventilated disc type	● Ventilated disc type
Rear brake type	● Disc	● Disc	● Disc
Parking brake type	● Electronic parking brake	● Electronic parking brake	● Electronic parking brake
Front tire specifications	● 215/60 R16	● 215/55 R17	● 215/55 R17
Rear tire specifications	● 215/60 R16	● 215/55 R17	● 215/55 R17
Spare tire specifications	● tire repair tools	● tire repair tools	● tire repair tools

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

Driver/passenger seat airbags	host● / Vice●	host● / Vice●	host● / Vice●
Front/rear side airbags	forward● / back-	forward● / back-	forward● / back-
Front/rear head airbags (air curtain)	forward● / back●	forward● / back●	forward● / back●

Active safety (● Standard ○ Optional - N/A)

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 alarm	● Tire pressure alarm	● Tire pressure alarm
Seat belt unfastened reminder	● front row	● front row	● front row
ISOFIX child seat interface	●	●	●
Lane Departure Warning System	-	○	●
Active braking/active safety systems	●	●	●
Fatigue driving tips	-	-	-

Forward Collision Warning	●	●	●
Low speed warning	●	●	●

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

Driving mode switch	● sports ● economy	● sports ● economy	● sports ● economy
Engine start-stop technology	●	●	●
Energy recovery system	●	●	●
Automatic parking	●	●	●
Hill-start assist	●	●	●

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

Front/rear parking radar	Front / Back●	forward● / back●	forward● / back●
Driving assistance images	-	● Reversing image	● Reversing image
Forward perception camera	-	-	● Monocular

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

Cruise control system	-	● Full-speed adaptive cruise control	● Full-speed adaptive cruise control
Assisted driving system	-	○ Travel Assist	● Travel Assist
Driving assistance level	-	○ L2	● L2
Reversing side warning system	-	○	○
Satellite navigation system	●	●	●
Navigation traffic information display	●	●	●
Lane change assistance	-	○ (1000 yuan)	○ (1000 yuan)
Lane Keeping Assist System	-	○	●
Assisted parking	-	-	●

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

Rim material	● aluminum alloy	● aluminum alloy	● aluminum alloy
Electric trunk	-	-	-
Engine electronic immobilizer	●	●	●
Central locking system in the car	●	●	●
Key type	● remote control key	● remote control key	● remote control key
Keyless start system	●	●	●
Keyless entry function	● front row	● front row	● front row

Exterior lights (● Standard ○ Optional - N/A)

Low beam light source	● led	● led	● led
High beam light source	● led	● led	● led
Lighting features	-	-	● Matrix
LED daytime running lights	●	●	●
Adaptive high and low beam	-	-	●
Automatic headlights	●	●	●
Turn headlights	-	-	●
Front fog lights	-	-	-
Headlight rain and fog mode	●	●	●
Headlight height adjustable	●	●	●
Headlights delayed off	●	●	●

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

Skylight Type	● Electric sunroof	● Openable panoramic sunroof	● Openable panoramic sunroof
Front/rear electric windows	forward● / back●	forward● / back●	forward● / back●
One-touch window lift function	● whole vehicle	● whole vehicle	● whole vehicle

Window anti-pinch function	●	●	●
Rear side window sunshades	-	-	● Manual
Car makeup mirror	● Main driving light + lighting ● Co-pilot + lighting	● Main driving light + lighting ● Co-pilot + lighting	● Main driving light + lighting ● Co-pilot + lighting
rear wiper	-	-	-
Rain sensor wiper function	● Rain sensor	● Rain sensor	● Rain sensor

exterior mirrors (● Standard ○ Optional - N/A)

Exterior rearview mirror function	● Electric adjustment ● Heated rearview mirrors	● Electric adjustment ● Electric folding ● Heated rearview mirrors ● Automatic folding when locking the car	● Electric adjustment ● Electric folding ● Rearview mirror memory ● Heated rearview mirrors ● Automatically tilt down when reversing ● Automatic folding when locking the car
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Screen/System (● Standard ○ Optional - N/A)

Central control color screen	● Touch LCD screen	● Touch LCD screen	● Touch LCD screen
Central control screen size	● 9.2 inches	● 9.2 inches	● 9.2 inches
Bluetooth/car phone	●	●	●
Mobile phone interconnection/mapping	● Support CarLife ● Original factory interconnection/mapping	● CarPlay support ● Support CarLife ● Original factory interconnection/mapping	● CarPlay support ● Support CarLife ● Original factory interconnection/mapping
Voice recognition control system	● Multimedia system ● navigation ● Telephone	● Multimedia system ● navigation ● Telephone	● Multimedia system ● navigation ● Telephone
Voice wake-up recognition by region	● Single region	● Single region	● Single region
App Store	●	●	●
In-vehicle intelligent system	● MOS Smart Car Connectivity	● MOS Smart Car Connectivity	● MOS Smart Car Connectivity

Intelligent configuration (● Standard ○ Optional - N/A)

Internet of Vehicles	●	●	●
4G/5G network	● 4G	● 4G	● 4G
OTA upgrade	-	-	-
Wi-Fi hotspots	●	●	●
Mobile APP remote function	● Door control ● Charging Management ● Vehicle condition inquiry/diagnosis ● Vehicle positioning/search ● Car owner services (find charging stations, gas stations, parking lots, etc.)	● Door control ● Charging Management ● Vehicle condition inquiry/diagnosis ● Vehicle positioning/search ● Car owner services (find charging stations, gas stations, parking lots, etc.)	● Door control ● Charging Management ● Vehicle condition inquiry/diagnosis ● Vehicle positioning/search ● Car owner services (find charging stations, gas stations, parking lots, etc.)

Steering wheel/interior rearview mirror (● Standard ○ Optional - N/A)

Steering wheel material	● plastic	● Genuine Leather	● Genuine Leather
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
Gear shifting	● Mechanical gear shift	● Mechanical gear shift	● Mechanical gear shift
Multi-function steering wheel	●	●	●
Heated steering wheel	-	-	-
Steering wheel memory	-	-	-
Trip computer display screen	● color	● color	● color
Full LCD instrument panel	-	●	●
LCD instrument size	● 8 inches	● 10.2 inches	● 10.2 inches
Interior rearview mirror function	● Manual anti-glare	● Automatic anti-glare	● Automatic anti-glare

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

Multimedia/charging port	● USB ● Type-C	● USB ● Type-C	● USB ● Type-C
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Number of USB/Type-C ports	● 2 front seats/2 back seats	● 2 front seats/2 back seats	● 2 front seats/2 back seats
Mobile phone wireless charging function	-	-	● front row

Seat configuration (● Standard ○ Optional - N/A)

Seat material	● imitation leather	● Genuine Leather	● Genuine Leather
Main seat adjustment method	● Front and rear adjustment ● Backrest adjustment ● Height adjustment (2-way)	● Front and rear adjustment ● Backrest adjustment ● Height adjustment (4 directions) ● Lumbar support (2-way)	● Front and rear adjustment ● Backrest adjustment ● Height adjustment (4 directions) ● Lumbar support (4-way)
Passenger seat adjustment method	● Front and rear adjustment ● Backrest adjustment	● Front and rear adjustment ● Backrest adjustment ● Height adjustment (2-way) ● Lumbar support (2-way)	● Front and rear adjustment ● Backrest adjustment ● Height adjustment (2-way) ● Lumbar support (4-way)
Driver/passenger seat electric adjustment	-	host● / Vice●	host● / Vice●
Front seat functions	-	● heating	● heating
Electric seat memory function	-	-	● Driver's seat
Co-pilot rear seat adjustable buttons	-	●	●
Second row seat adjustment	-	-	-
Rear seat folding	● Proportional down	● Proportional down	● Proportional down
Front/rear center armrest	forward● / back●	forward● / back●	forward● / back●
Rear cup holder	●	●	●

Audio/Interior Lighting (● Standard ○ Optional - N/A)

Speaker brand name	-	-	-
Number of speakers	● 8 speakers	● 8 speakers	● 8 speakers
Touch-sensitive reading light	-	●	●

Interior ambient lighting	● monochrome	● monochrome	● 10 colors
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Air conditioning/refrigerator (● Standard ○ Optional - N/A)

Air conditioning temperature control method	● Automatic air conditioning	● Automatic air conditioning	● Automatic air conditioning
Rear independent air conditioning	●	●	●
Rear seat air vents	●	●	●
Temperature zone control	●	●	●
Car air purifier	●	●	●
In-car PM2.5 filter	●	●	●

color (● Standard ○ Optional - N/A)

Appearance color	Black Elegant White	Black Elegant White Electrum Glacier Blue Crystal Silver	Black Elegant White Electrum Glacier Blue Crystal Silver
Interior color	black	black Black/Brown	black Black/Brown