

# Passat PHEV 2023 430PHEV Hybrid Luxury Edition Specifications

## Basic Information

Parameter	Passat PHEV 2023 430PHEV Hybrid Luxury Edition
Official Price	RMB 242,150
Manufacturer	SAIC Volkswagen
Class	Midsized Car
Energy Type	Plug-in Hybrid
Market Time	2022.09
Engine Description	1.4T 150 hp L4 Plug-in Hybrid
CLTC Range	63
WLTC Recharge Mileage	-
CLTC Pure Electric Range (km)	-
Combined Cruising Range Cltc	-
Charging Time	-
Fast Charging Window (%)	-
Maximum Power (kW)	155
Engine Maximum Power (kW)	110(150Ps)
Electric Motor Maximum Power (kW)	85(116Ps)
Maximum Torque (N·m)	400
Maximum Torque (N·m)	250
Electric Motor Maximum Torque (N·m)	330
Transmission Description	6-Speed Dual Clutch
Length x Width x Height (mm)	4948x1836x1469
Body Structure	4-door 5-seat Sedan
Top Speed (km/h)	200
Official 0-100 km/h Acceleration (s)	7.7
NEDC combined fuel consumption (L/100km)	1.4
WLTC Fuel Consumption (L/100km)	2.23
Energy Consumption (kWh/100km)	14.6
Equivalent Fuel Consumption (L/100km)	2.06
State OF Charge Fuel Consumption	-
Minimum fuel consumption at low state of charge (L/100km) CLTC	-
Fuel Consumption at Low Charge WLTC (L/100km)	-
Vehicle Warranty	3 years or 100,000 km
Estimated Maintenance Cost over 60,000 km	RMB 10,439

## Body

Parameter	Passat PHEV 2023 430PHEV Hybrid Luxury Edition
Length (mm)	4948
Width (mm)	1836
Height (mm)	1469
Wheelbase (mm)	2871
Front Track (mm)	1584
Rear Track (mm)	1570
Minimum Ground Clearance (mm)	-
Body Structure	Sedan
Number of Doors	4

Parameter	Passat PHEV 2023 430PHEV Hybrid Luxury Edition
Door Opening Type	Hinged doors
Seats	5
Curb Weight (kg)	1750
Gross Weight (kg)	2210
OIL Tank Volume	50.0
Cargo Volume (L)	400
Minimum Turning Radius (m)	-

## Engine

Parameter	Passat PHEV 2023 430PHEV Hybrid Luxury Edition
Engine Model	DXJ
Displacement (mL)	1395
Displacement (L)	1.4
Aspiration	Turbocharged
Engine Layout	Transverse-mounted
Cylinder Arrangement	L
Number of Cylinders	4
Valves per Cylinder	4
Compression Ratio	-
Valve Train	DOHC
Maximum Horsepower (Ps)	150
Maximum Power (kW)	110
Maximum Net Power (kW)	110
Maximum Power RPM	6000
Maximum Torque (N·m)	250
Maximum Torque RPM	1750-2000
Engine Technology	-
Energy Type	Plug-in Hybrid
Fuel Grade	95#
Fuel Supply System	Direct Injection
Cylinder Head Material	Aluminum alloy
Cylinder Block Material	Aluminum alloy
Emission Standard	China VI

## Electric Motor

Parameter	Passat PHEV 2023 430PHEV Hybrid Luxury Edition
Electric Description	Plug-in Hybrid 116 HP
Motor Type	Permanent magnet synchronous
Total Motor Power	85
Total Motor Horsepower (Ps)	116
Total Motor Torque	330
Front Motor Max Power (kW)	85
Front Motor Max Torque (N·m)	330
System Combined Power (kW)	155
System Combined Torque (N·m)	400
Drive Motor Count	Single motor
Motor Layout	Front-mounted

## Battery / Charging

Parameter	Passat PHEV 2023 430PHEV Hybrid Luxury Edition
Battery Type	Ternary lithium battery

Parameter	Passat PHEV 2023 430PHEV Hybrid Luxury Edition
Cell Brand	SAIC Volkswagen
Battery Warranty	8 years or 120,000 km
Battery Capacity	13
Battery Energy Density (Wh/kg)	-
Battery Charging Rate	-
Battery Charging (Summary)	-
Charging Time	-
Battery Charging - Fast Charging Port	-
MAX Fast Charge Power	-
Fast Charging Port Position (Summary)	-
Left Fuel Tank Position	-
Slow Charging Port Position (Summary)	Behind front emblem
Left Fuel Tank Position	-
Behind front emblem	Behind front emblem
Battery Heating System	Standard
Battery Cooling System	Liquid cooling
One-pedal Mode	-
VTOL Mobile Power Station	-
VTOL Maximum External Discharge Power	-
VTOV Maximum External Discharge Power	-

## Transmission

Parameter	Passat PHEV 2023 430PHEV Hybrid Luxury Edition
Transmission Description	6-Speed Dual Clutch
Number of Gears	6
Transmission Type	Wet Dual Clutch Transmission(DCT)

## Chassis / Steering

Parameter	Passat PHEV 2023 430PHEV Hybrid Luxury Edition
Drive Type	Front-mounted FWD
Front Suspension	MacPherson independent suspension
Rear Suspension	Multi-link independent suspension
Steering Type	Electric power steering
Vehicle Body Structure	Unibody

## Wheels / Brakes

Parameter	Passat PHEV 2023 430PHEV Hybrid Luxury Edition
Front Brake Type	Ventilated disc
Rear Brake Type	Solid disc
Parking Brake Type	Electronic parking brake
Front Tire Size	215/55 R17
Rear Tire Size	215/55 R17
Spare Tire Specification	-
Active Safety	-
ABS	Standard
Brake-force Distribution (EBD/CBC)	Standard
Brake Assist (EBA/BA)	Standard
Traction Control (TCS/ASR)	Standard
Body Stability System (ESP/DSC)	Standard
Active Safety Warning System	● Standard: Lane departure warning; ● Standard: Forward collision warning; ■ Optional: Rear cross traffic alert
Active Safety Warning System - Lane Departure Warning	● Standard: Lane departure warning

Parameter	Passat PHEV 2023 430PHEV Hybrid Luxury Edition
Active Safety Warning System - Forward Collision Warning	● Standard: Forward collision warning
Rear collision warning	-
Rear cross traffic alert	■ Optional: Rear cross traffic alert
DOW door opening warning	-
Front cross traffic alert	-
Front cross traffic braking	-
Automatic Emergency Braking	Standard
Blind Spot Assist	Optional
Lane Keeping Assist	Standard
Lane Centering Assist	Standard
Driver Fatigue Warning	-
Active DMS Fatigue Detection	-
Cabin Vital-sign Detection	-
Traffic Sign Recognition	-
Traffic Light Recognition	-
Night Vision System	-
Passive Safety	-
Front Airbags (Summary)	● Standard: Driver seat; ● Standard: Passenger seat
Front Airbags - Driver	● Standard: Driver seat
Front Airbags - Front Passenger	● Standard: Passenger seat
Side Airbags (Summary)	● Standard: Front row
Side Airbags - Front Row	● Standard: Front row
Rear row	-
Side Curtain Airbags	Standard
Front Knee Airbags	-
Driver seat	-
Center Airbag	-
Front row	-
Seat Belt Reminder	Standard
TPMS	Tire pressure warning
ISOFIX	Standard
Passive Pedestrian Protection	-
Run-flat Tire	-
Driver Assistance / Control	-
Parking Radar (Summary)	● Standard: Front; ● Standard: Rear
Front	● Standard: Front
Parking Radar - Rear	● Standard: Rear
Front Vehicle Departure Reminder	-
Driving Assistance Camera (Summary)	● Standard: Rear view camera
Driving Assistance Camera - Reverse Camera	● Standard: Rear view camera
Driving Assistance Camera - 360° Panoramic Camera	-
Cruise System (Summary)	● Standard: Cruise control; ● Standard: Adaptive cruise control; ● Standard: Full-speed adaptive cruise control
Cruise System - Option	● Standard: Cruise control
Cruise System - Adaptive Cruise Control	● Standard: Adaptive cruise control
Cruise System - Full-speed Adaptive Cruise Control	● Standard: Full-speed adaptive cruise control
Automatic Lane Change Assist	-
Automatic Ramp Exit / Entry	-
Navigation Assisted Driving	-
Highway navigation assist	-
ADAS Level	● Standard: L2
L0	-

Parameter	Passat PHEV 2023 430PHEV Hybrid Luxury Edition
L1	-
L2	● Standard: L2
Automatic Parking	Standard
Reverse Path Tracking	-
Memory Parking	-
Auto Hold	Standard
Hill Start Assist (HAC)	Standard
Hill Descent Control (HDC)	-
Engine SAS Tech	Standard
Variable Suspension	-
Air Suspension	-
Air Suspension Type	-
Electromagnetic Suspension	-
Variable Steering Ratio	-
Front Axle Limited-slip Type	-
Rear Axle Limited-slip Type	-
Center Differential Lock	-
Active Rear Steering	-
Drive Mode Selection (Summary)	● Standard: Sport; ● Standard: ECO/Economy
Drive Mode Selection - Sport	● Standard: Sport
Drive Mode Selection - Custom	-
Drive Mode Selection - ECO	● Standard: ECO/Economy
Drive Mode Selection - Standard / Comfort	-
Brake Energy Recovery	Standard
Low-speed Warning Sound	Standard
Exterior Features	-
Sunroof Type	Openable panoramic sunroof
Smart Dimming Roof	-
Roof Rack	-
Sport Appearance Package	-
Power Spoiler	-
Active Grille Shutters	-
Alloy Wheels	Standard
Frameless Doors	-
Hidden Door Handles	-
Tow Hook	-
Smart Connectivity	-
Steering Wheel Material (Summary)	● Standard: Genuine leather
Steering Wheel Material - Plastic	-
Steering Wheel Material - Option	-
Genuine leather	● Standard: Genuine leather
Steering Wheel Adjustment	Tilt and telescopic
Power Steering Wheel Adjustment	-
Steering Wheel Functions (Summary)	● Standard: Multifunction controls
Steering Wheel Functions - Multi-function Control	● Standard: Multifunction controls
Heating	-
Gear Selector Type (Summary)	● Standard: Mechanical Gear Shift
Rotary column shifter	-
Mechanical gear lever	● Standard: Mechanical Gear Shift
LCD Cluster Style	Full LCD
LCD Cluster Size (in) (Summary)	● Standard: 10.2
Unknown	-
8	-

Parameter	Passat PHEV 2023 430PHEV Hybrid Luxury Edition
10.2	● Standard: 10.2
10.3	-
Comfort / Anti-theft	-
Soft-close Doors	-
Power Tailgate	-
Hands-free Tailgate	-
Tailgate Position Memory	-
Engine Anti Theft	Standard
Central Locking	Standard
Remote Key Type (Summary)	● Standard: Smart remote key
Remote Key Type - Smart Remote Key	● Standard: Smart remote key
Keyless Entry	Front row
Keyless Start	Standard
Remote Start	-
Remote Vehicle Move	-
Vehicle Summon	-
Head-up Display (HUD)	-
Built-in Driving Recorder	-
Active Noise Cancellation	-
Wireless Phone Charging	Standard
Wireless Charging MAX Power (Summary)	-
Wireless Charging MAX Power - 40	-
AC Power Outlet	-
Cargo 12V Power Outlet	-
Seat Features	-
Seat Material	Genuine leather
SeatsLeatherStyle	-
Sport Seats	-
Second-row Independent Seats	-
Power Seat Adjustment (Summary)	● Standard: Driver seat; ● Standard: Passenger seat
Power Seat Adjustment - Driver	● Standard: Driver seat
Seat Power Adjustment - Front Passenger	● Standard: Passenger seat
Second Row	-
Sunken Rear Seat Folding	-
Driver Seat Main Adjustments (Summary)	● Standard: Fore-aft adjustment; ● Standard: Backrest angle; ● Standard: Height adjustment
Driver Seat Main Adjustments - Fore / Aft	● Standard: Fore-aft adjustment
Driver Seat Main Adjustments - Backrest Angle	● Standard: Backrest angle
Driver Seat Main Adjustments - Height Adjustment	● Standard: Height adjustment
Driver Seat Fine Adjustments (Summary)	● Standard: Headrest; ● Standard: Lumbar
Driver Seat Fine Adjustments - Headrest	● Standard: Headrest
Lumbar	● Standard: Lumbar
Leg rest	-
Front Passenger Seat Main Adjustments (Summary)	● Standard: Fore-aft adjustment; ● Standard: Height adjustment; ● Standard: Backrest angle
Front Passenger Seat Main Adjustments - Fore / Aft	● Standard: Fore-aft adjustment
Height adjustment	● Standard: Height adjustment
Front Passenger Seat Main Adjustments - Backrest Angle	● Standard: Backrest angle
Front Passenger Seat Fine Adjustments (Summary)	● Standard: Headrest; ● Standard: Lumbar
Front Passenger Seat Fine Adjustments - Headrest	● Standard: Headrest
Lumbar	● Standard: Lumbar
Leg rest	-
Second-row Seat Main Adjustments (Summary)	-
Second-row Seat Main Adjustments - Option	-

Parameter	Passat PHEV 2023 430PHEV Hybrid Luxury Edition
Second-row Seat Fine Adjustments	-
Front Seat Functions	● Standard: Heating; ● Standard: Memory(driver seat)
Front Seat Functions - Option	● Standard: Heating
Ventilation	-
Massage	-
Memory(driver seat)	● Standard: Memory(driver seat)
Second-row Seat Functions	-
Heating	-
Ventilation	-
Massage	-
Boss Key	Standard
Front / Rear Armrests (Summary)	● Standard: Front row; ● Standard: Rear row
Front / Rear Armrests - Front Row	● Standard: Front row
Rear row	● Standard: Rear row
Rear Cup Holder	Standard
Heated / Cooled Cup Holder	-
Rear Seat Folding Ratio	40:60
Second-row Tray Table	-
Lighting	-
Center Screen Size (in)	9.2
Center Screen Material	-
Center Screen Resolution (Summary)	-
2K	-
Passenger Screen Size (in)	-
11.6	-
Satellite Navigation	Standard
AR Navigation	-
Navigation Traffic Display	Standard
Roadside Assistance	-
Bluetooth / Car Phone	Standard
Phone Mirroring (Summary)	● Standard: CarPlay; ● Standard: Factory system; ● Standard: CarLife
Phone Mirroring - CarPlay	● Standard: CarPlay
Phone Mirroring - HUAWEI HiCar	-
Phone Mirroring - Carlink	-
Phone Mirroring - Factory System	● Standard: Factory system
CarLife	● Standard: CarLife
Connected Car	Standard
Mobile Network (Summary)	● Standard: 4G
5G	-
Mobile Network - 4G	● Standard: 4G
OTA Upgrade	-
Face Recognition	-
Fingerprint Recognition	-
Voiceprint Recognition	-
Emotion Recognition	-
Voice Recognition Control	Standard
Wake-word-free Voice Control	-
Voice Wake-up by Zone (Summary)	● Standard: Single Zone
Voice Wake-up by Zone - Dual-zone	-
Voice Wake-up by Zone - Single Zone	● Standard: Single Zone
Continuous Voice Recognition	-
Visible-to-speak Control	-
Voice Assistant Wake-up Phrase	-

Parameter	Passat PHEV 2023 430PHEV Hybrid Luxury Edition
Gesture Control	-
Wi-Fi Hotspot	Standard
Audio / Entertainment	-
Multi-finger Screen Control	-
App Store	-
Media Interface (Summary)	● Standard: USB/Type-C
Media Interface - USB/Type-C	● Standard: USB/Type-C
USB/Type-C Port Count (Summary)	● Standard: Front row: 2; ● Standard: Rear row: 2
USB/Type-C Port Count - 2 Front	● Standard: Front row: 2
USB/Type-C Port Count - 1 Rear	● Standard: Rear row: 2
USB/Type-C Max Charging Power	-
Front row: 45 W	-
Rear row: 15 W	-
In-car TV	-
Rear LCD Screen	-
Simulated Engine Sound	-
Audio Brand	-
Number of Speakers	8
Rear Multimedia Controls	-
Air Conditioning / Refrigerator	-
Low Beam	LED
High Beam	LED
Daytime Running Lights	Standard
Adaptive High / Low Beam	Standard
Automatic Headlights	Standard
Cornering Lights	Standard
Front Fog Lights	-
Adaptive Front-lighting System (AFS)	Standard
Headlight Height Adjustment	Standard
Headlight Washers	-
Ambient Lighting	10 Colors
Active Ambient Lighting	-
Special Lighting Functions	Matrix
Lighting Projection Technology	-
Headlight Delay-off	Standard
Headlamp Rain / Fog Mode	Standard
Enjoy Package	-
Power Windows (Summary)	● Standard: Front row; ● Standard: Rear row
Power Windows - Front Row	● Standard: Front row
Power Windows - Option	● Standard: Rear row
One-touch Windows	All windows
Anti-pinch Windows	Standard
Exterior Mirror Functions (Summary)	● Standard: Power adjustment; ● Standard: Heating; ● Standard: Power folding; ● Standard: Memory; ● Standard: ReverseAutomatictilt-down; ● Standard: Auto-fold on lock
Exterior Mirror Functions - Option	● Standard: Power adjustment
Exterior Mirror Functions - Heating	● Standard: Heating
Exterior Mirror Functions - Power Folding	● Standard: Power folding
Memory	● Standard: Memory
ReverseAutomatictilt-down	● Standard: ReverseAutomatictilt-down
Exterior Mirror Functions - Auto Fold on Lock	● Standard: Auto-fold on lock
Interior Mirror Functions	● Standard: Automatic anti-glare
Automatic anti-glare	● Standard: Automatic anti-glare
Vanity Mirror (Summary)	● Standard: Driver seat+with lighting; ● Standard: Passenger seat+with lighting

Parameter	Passat PHEV 2023 430PHEV Hybrid Luxury Edition
Vanity Mirror - Driver, No Light	-
Vanity Mirror - Option	-
Vanity Mirror - Option	● Standard: Driver seat+with lighting
Vanity Mirror - Option	● Standard: Passenger seat+with lighting
Rear Privacy Glass	-
Interior Sunshade	● Standard: RearWindow Sunshade
RearWindow sunshade	● Standard: RearWindow Sunshade
Rain-sensing Wipers	Standard
Rear Wiper	-
Multi-layer Acoustic Glass	-
Heated Windshield	-
Heated Washer Nozzles	-
LohasPackage	-
A/C Control Type	Automatic
Rear Independent A/C	Standard
Rear Air Vents	Standard
Temperature Zone Control	● Standard: 3-Zone Climate Control
Dual-zone climate control	-
Tri-Zone Climate Control	● Standard: 3-Zone Climate Control
In-car Air Purifier	Standard
Cabin PM2.5 Filter	Standard
Negative-ion Generator	-
Fragrance System	-
AQS Air Quality Management	-
On-board Refrigerator	-
Refrigerator Functions	-

## Smart Features

Parameter	Passat PHEV 2023 430PHEV Hybrid Luxury Edition
ADAS Operating System (Summary)	● Standard: IQ.Drive
IQ. Drive	-
Xingyun Smart Driving Assist	-
IQ.Drive	● Standard: IQ.Drive
CAR Intelligent System (Summary)	● Standard: MOS Smart Connectivity
IQ. Connectivity	-
MOS smart connectivity	● Standard: MOS Smart Connectivity
Vehicle Smart Chip	-
Qualcomm Snapdragon 8155	-
Mobile App Remote Control (Summary)	● Standard: Vehicle monitoring; ● Standard: Charging management; ● Standard: Service appointment
Mobile App Remote Control - Vehicle Monitoring	● Standard: Vehicle monitoring
Mobile App Remote Control	-
Mobile App Remote Control - Charging Management	● Standard: Charging management
Mobile App Remote Control - Service Appointment	● Standard: Service appointment
Heat Pump System	-
Number of Exterior Cameras	● Standard: 2
1	-
2	● Standard: 2
5	-
8	-
Exterior Camera Resolution	-
Interior Camera Count	-
Incar Camera Count 1	-

Parameter	Passat PHEV 2023 430PHEV Hybrid Luxury Edition
Interior Camera Resolution	-
Number of Ultrasonic Radars	12
Millimeter Wave Radar	● Standard: 1; ■ Optional: 3
1	● Standard: 1
3	■ Optional: 3
5	-
Sub-meter High-precision Positioning	-
High-precision Map	-
Sentinel Mode	-
V2X Communication	-
Optional Package	-
Custom Options	Optional exterior, interior, wheels, brakes; 1TypeOptional Package
Full journey intelligent driving assist system	-
Full journey intelligent driving assist system	-
Full journey intelligent driving assist system	-
Lane change assist function	● Standard: Lane Change Assist, RCTA Exit Assist; ■ Optional: Optional (RMB 1,000)
Lane change assist function	Lane Change Assist, RCTA Exit Assist
Lane change assist function	■ Optional: Optional (RMB 1,000)
Optional Package1	-
Optional Package1	-
Optional Package1	-
Optional Package2	-
Optional Package2	-
Optional Package2	-