

KIA EV5 530



ELECTRIC VEHICLES

KIA EV5 530

BASIC INFORMATION

Model	2025 530 Light	2025 530 Air	2025 530 Land
Level	Compact SUV	Compact SUV	Compact SUV
Energy type	Pure electric	Pure electric	Pure electric
Time to market	2024.11	2024.11	2024.11
Electric motor	Pure electric 218 horsepower	Pure electric 218 horsepower	Pure electric 218 horsepower
Pure electric range (km) CLTC	530	530	530
Charging time (hours)	Fast charge 0.45 hours slow charge 10.2 hours	Fast charge 0.45 hours slow charge 10.2 hours	Fast charge 0.45 hours slow charge 10.2 hours
Fast charging capacity (%)	30-80	30-80	30-80
Maximum power (kW)	160 (218Ps)	160 (218Ps)	160 (218Ps)
Maximum torque (N-m)	310	310	310
Gearbox	Electric vehicle single-speed transmission	Electric vehicle single-speed transmission	Electric vehicle single-speed transmission
Length x width x height (mm)	4615x1875x1715	4615x1875x1715	4615x1875x1715
Body structure	5-door, 5-seater SUV	5-door, 5-seater SUV	5-door, 5-seater SUV
Maximum speed (km/h)	175	175	175
Official 0-100km/h acceleration time (s)	8.8	8.8	8.8
Power consumption per 100 kilometers (kWh/100km)	13.6	13.6	13.6
Electric energy equivalent fuel consumption (L/100km)	1.54	1.54	1.54

CAR BODY

Model	2025 530 Light	2025 530 Air	2025 530 Land
Length (mm)	4615	4615	4615
Width (mm)	1875	1875	1875
Height (mm)	1715	1715	1715
Wheelbase (mm)	2750	2750	2750
Front wheelbase (mm)	1615	1615	1615

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Rear wheelbase (mm)	1630	1630	1630
Body structure	SUV	SUV	SUV
Number of doors	5	5	5
Door opening method	Swing door	Swing door	Swing door
Number of seats	5	5	5
Curb mass (kg)	1830	1830	1830
Full load mass (kg)	2315	2315	2315
Luggage compartment volume (L)	560-1500	560-1500	560-1500
Minimum turning radius	5.35m	5.35m	5.35m

ELECTRIC MOTOR

Model	2025 530 Light	2025 530 Air	2025 530 Land
Motor Description	Pure electric 218 horsepower	Pure electric 218 horsepower	Pure electric 218 horsepower
Motor type	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous
Total motor power (kW)	160	160	160
Total motor horsepower (Ps)	218	218	218
Total torque of the motor (N-m)	310	310	310
Maximum power of front motor (kW)	-	-	-
Maximum torque of front motor (N-m)	-	-	-
Maximum power of rear motor (kW)	160	160	160
Maximum torque of rear motor (N-m)	310	310	310
Number of drive motors	Single motor	Single motor	Single motor
Motor layout	Rear	Rear	Rear

BATTERY & CHARGING

Model	2025 530 Light	2025 530 Air	2025 530 Land
Battery Type	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery
Battery Featured Technologies	Blade Battery	Blade Battery	Blade Battery

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Battery cell brand	Fudi	Fudi	Fudi
Battery capacity (kWh)	64.2	64.2	64.2
Battery energy density (Wh/kg)	-	-	-
Battery Charging	Fast charge 0.45 hours slow charge 10.2 hours	Fast charge 0.45 hours slow charge 10.2 hours	Fast charge 0.45 hours slow charge 10.2 hours
Maximum fast charging power (kW)	140	140	140
Fast charging port location	Left fuel tank	Left fuel tank	Left fuel tank
Slow charging port location	Left fuel tank	Left fuel tank	Left fuel tank
Battery temperature management system	Low temperature heating Liquid cooling	Low temperature heating Liquid cooling	Low temperature heating Liquid cooling
Single pedal mode	Standard	Standard	Standard
VTOL mobile power station function	Standard	Standard	Standard
VTOL maximum external discharge power	6kW	6kW	6kW
VTOV maximum external discharge power	-	-	-

GEARBOX

Model	2025 530 Light	2025 530 Air	2025 530 Land
Transmission Description	Electric vehicle single-speed transmission	Electric vehicle single-speed transmission	Electric vehicle single-speed transmission
Number of gears	1	1	1
Transmission type	Fixed gear ratio gearbox	Fixed gear ratio gearbox	Fixed gear ratio gearbox

CHASSIS & STEERING

Model	2025 530 Light	2025 530 Air	2025 530 Land
Drive mode	Rear-engine rear-wheel drive	Rear-engine rear-wheel drive	Rear-engine rear-wheel drive
Four-wheel drive type	-	-	-
Front suspension type	McPherson independent suspension	McPherson independent suspension	McPherson independent suspension
Rear suspension type	H-arm multi-link independent suspension	H-arm multi-link independent suspension	H-arm multi-link independent suspension
Steering type	Electric power steering	Electric power steering	Electric power steering
Body structure	Load-bearing	Load-bearing	Load-bearing

WHEELS AND BREAKES

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Model	2025 530 Light	2025 530 Air	2025 530 Land
Front brake type	Ventilated disc	Ventilated disc	Ventilated disc
Rear brake type	Solid disc	Solid disc	Solid disc
Parking brake type	Electronic parking	Electronic parking	Electronic parking
Front tire specifications and dimensions	235/50 R19	235/50 R19	235/50 R19
Rear tire specifications and dimensions	255/45 R19	255/45 R19	255/45 R19
Spare tire specifications	-	-	-
Spare tire placement	-	-	-

ACTIVE SAFETY

Model	2025 530 Light	2025 530 Air	2025 530 Land
ABS anti-lock braking system	Standard	Standard	Standard
Braking force distribution (EBD/CBC, etc.)	Standard	Standard	Standard
Brake assist (EBA/BA, etc.)	Standard	Standard	Standard
Traction control (TCS/ASR, etc.)	Standard	Standard	Standard
Vehicle stability system (ESP/DSC, etc.)	Standard	Standard	Standard
Active safety warning system	Lane Departure Warning	Lane Departure Warning	Lane Departure Warning
	Forward Collision Warning	Forward Collision Warning	Forward Collision Warning
	Rear Collision Warning	Rear Collision Warning	Rear Collision Warning
	Reversing side warning	Reversing side warning	Reversing side warning
	DOW door opening warning	DOW door opening warning	DOW door opening warning
Active braking	Standard	Standard	Standard
Lane change assistance	Standard	Standard	Standard
Lane Keeping Assist System	Standard	Standard	Standard
Lane centering	Standard	Standard	Standard
Fatigue driving tips	Standard	Standard	Standard
Active DMS fatigue detection	-	-	-

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In-vehicle vital signs detection	-	-	-
Road traffic sign recognition	Standard	Standard	Standard
Traffic light recognition	-	-	-
Night vision system	-	-	-

PASSIVE SAFETY

Model	2025 530 Light	2025 530 Air	2025 530 Land
Front airbags	Main driving position	Main driving position	Main driving position
	Co-driving position	Co-driving position	Co-driving position
Side airbags	Front row	Front row	Front row
Side curtain airbags	Standard	Standard	Standard
Front knee airbags	-	-	-
Center airbag	-	-	-
Seat belt not fastened reminder	Standard	Standard	Standard
Tire pressure monitoring system	Tire pressure display	Tire pressure display	Tire pressure display
Child seat interface (ISOFIX)	Standard	Standard	Standard
Passive pedestrian protection	-	-	-
Safety tires	Standard	Standard	Standard

AUXILIARY/ CONTROL CONFIGURATION

Model	2025 530 Light	2025 530 Air	2025 530 Land
Parking radar	Front	Front	Front
	Rear	Rear	Rear
Front vehicle departure reminder	-	-	-
Narrow Road Assist	-	-	-
Driving assistance images	Reversing image	Reversing image	Reversing image
	Car side blind spot image	Car side blind spot image	Car side blind spot image
	360° panoramic images	360° panoramic images	360° panoramic images

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Cruise control system	Cruise control	Cruise control	Cruise control
Adaptive cruise control	Standard	Standard	Standard
Full-speed adaptive cruise control	Standard	Standard	Standard
Automatic Lane Change Assist	Standard	Standard	Standard
Automatic exit/entry of ramp	-	-	-
Navigation-assisted driving	-	-	-
Assisted driving level	L2	L2	L2
Automatic parking	Standard	Standard	Standard
Track reverse	-	-	-
Memory Parking	-	-	-
Automatic valet parking	-	-	-
Automatic parking (AUTOHOLD)	Standard	Standard	Standard
Hill Start Assist (HAC)	Standard	Standard	Standard
Hill Descent Control (HDC)	-	-	-
Variable suspension adjustment	-	-	-
Air suspension	-	-	-
Electromagnetic induction suspension	-	-	-
Variable steering ratio system	-	-	-
Front axle limited slip mode	-	-	-
Rear axle limited slip mode	-	-	-
Center differential lock function	-	-	-
Low-speed four-wheel drive	-	-	-
Integral Active Steering	-	-	-
Driving mode selection	Sports	Sports	Sports
	Snow	Snow	Snow
	ECO/Economy	ECO/Economy	ECO/Economy

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	Standard comfort	Standard comfort	Standard comfort
Braking Energy Regeneration System	Standard	Standard	Standard
Comfort braking	-	-	-
Low speed driving warning sound	Standard	Standard	Standard

EXTERNAL CONFIGURATION

Model	2025 530 Light	2025 530 Air	2025 530 Land
Skylight Type	Openable panoramic sunroof	Openable panoramic sunroof	Openable panoramic sunroof
Smart dimming skylight	-	-	-
Roof rack	Standard	Standard	Standard
Sports appearance package	-	-	-
Electric spoiler	-	-	-
Active closed grille	Standard	Standard	Standard
Aluminum alloy wheels	Standard	Standard	Standard
Side pedals	-	-	-
Frameless design doors	-	-	-
Hidden door handles	Standard	Standard	Standard
Tow hook	-	-	-

INTERNAL CONFIGURATION

Model	2025 530 Light	2025 530 Air	2025 530 Land
Steering wheel material	Leather	Leather	Leather
Steering wheel adjustment	Up/down + front/back	Up/down + front/back	Up/down + front/back
Electric steering wheel adjustment	-	-	-
Steering wheel functions	Multi-function control	Multi-function control	Multi-function control
	Heating	Heating	Heating
Gear shifting	Electronic gear lever	Electronic gear lever	Electronic gear lever
Trip computer screen	Color	Color	Color

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LCD instrument style	Full LCD	Full LCD	Full LCD
LCD instrument size (inches)	12.3	12.3	12.3

COMFORT AND SECURITY

Model	2025 530 Light	2025 530 Air	2025 530 Land
Electric suction door	-	-	-
Electric tailgate	Standard	Standard	Standard
Sensor-activated tailgate	-	-	-
Electric tailgate position memory	-	-	-
Central locking system in the car	Standard	Standard	Standard
Remote control key type	Smart remote control key	Smart remote control key	Smart remote control key
	Mobile Bluetooth key	Mobile Bluetooth key	Mobile Bluetooth key
	NFC/RFID key	NFC/RFID key	NFC/RFID key
Keyless entry	Whole vehicle	Whole vehicle	Whole vehicle
Keyless start	Standard	Standard	Standard
Remote Start	Standard	Standard	Standard
Remote control mobile vehicle	-	-	-
Vehicle summoning function	-	-	-
Head-up display (HUD)	-	-	-
AR-HUD	-	-	-
Built-in driving recorder	-	-	-
Active Noise Cancellation	-	-	-
Mobile phone wireless charging	Standard	Standard	Standard
Maximum power of mobile phone wireless charging (W)	-	-	-
110V/220V/230V power socket	-	-	-
Luggage compartment 12V power socket	-	-	-

SEATING

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Model	2025 530 Light	2025 530 Air	2025 530 Land
Seat material	Imitation leather	Imitation leather	Imitation leather
Sports style seats	-	-	-
Seat layout	2+3	2+3	2+3
Second row independent seats	-	-	-
Third row seats	-	-	-
Electric seat adjustment	Main driving position	Main driving position	Main driving position
	Co-driving position	Co-driving position	Co-driving position
Folding rear seats	-	-	-
Overall adjustment of the driver's seat	Front/back	Front/back	Front/back
	Backrest angle	Backrest angle	Backrest angle
	Height adjustment	Height adjustment	Height adjustment
Local adjustment of the driver's seat	Headrest	Headrest	Headrest
	Lumbar	Lumbar	Lumbar
Passenger seat overall adjustment	Front/back	Front/back	Front/back
	Height adjustment	Height adjustment	Height adjustment
	Backrest angle	Backrest angle	Backrest angle
Passenger seat partial adjustment	Headrest	Headrest	Headrest
	Lumbar	Lumbar	Lumbar
Second row seat overall adjustment	-	-	-
Second row seat partial adjustment	-	-	-
Front seat functions	Heating	Heating	Heating
	Ventilation	Ventilation	Ventilation
	Memory (main driving)	Memory (main driving)	Memory (main driving)
Second row seat functions	-	-	-
Third row seat functions	-	-	-

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Boss Key	-	-	-
Front/rear armrests	Front row	Front row	Front row
	Rear	Rear	Rear
Rear cup holder	Standard	Standard	Standard
Heated/cooled cup holders	-	-	-
Rear seat folding ratio	40:60	40:60	40:60
Electric folding rear seats	-	-	-
Second row small table	-	-	-

INFOTAINMENT

Model	2025 530 Light	2025 530 Air	2025 530 Land
Central control screen size (inches)	15.6	15.6	15.6
Central control screen material	LCD	LCD	LCD
Rotatable/movable central control screen	Standard	Standard	Standard
Satellite navigation system	Standard	Standard	Standard
AR real-scene navigation	-	-	-
Navigation traffic information display	Standard	Standard	Standard
Map Brand	-	-	-
Roadside assistance service	Standard	Standard	Standard
Bluetooth/car phone	Standard	Standard	Standard
Mobile Internet Mapping	Standard	Standard	Standard
Internet of Vehicles	Standard	Standard	Standard
4G/5G network	5G	5G	5G
OTA upgrade	Standard	Standard	Standard
Facial Recognition	-	-	-
Fingerprint recognition	-	-	-
Voiceprint recognition	-	-	-

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Emotion Recognition	-	-	-
Voice recognition control system	Standard	Standard	Standard
Voice wake-up function	Standard	Standard	Standard
Voice wake-up recognition function by region	Main driver	Main driver	Main driver
	Co-pilot	Co-pilot	Co-pilot
	Second row	Second row	Second row
Continuous speech recognition	Standard	Standard	Standard
Seeing is telling	Standard	Standard	Standard
Voice assistant wake-up word	Hello Xiao Qi	Hello Xiao Qi	Hello Xiao Qi
Gesture control function	-	-	-
Wi-Fi hotspots	Standard	Standard	Standard

AUDIO AND VIDEO ENTERTAINMENT

Model	2025 530 Light	2025 530 Air	2025 530 Land
Multi-finger flying screen control	-	-	-
App Store	Standard	Standard	Standard
Multimedia Interface	USB/Type-C	USB/Type-C	USB/Type-C
Number of USB/Type-C ports	Front 2	Front 2	Front 2
	Rear 2	Rear 2	Rear 2
USB/Type-C maximum charging power	-	-	-
Car TV	-	-	-
Rear LCD screen	-	-	-
Simulated sound waves	-	-	-
Karaoke function	-	-	-
Audio brand	-	-	-
Number of speakers		8 8	8
Rear multimedia controls	-	-	-

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LIGHTING

Model	2025 530 Light	2025 530 Air	2025 530 Land
Low beam	LED	LED	LED
High beam	LED	LED	LED
Daytime running lights	Standard	Standard	Standard
Adaptive high and low beam	Standard	Standard	Standard
Automatic headlights	Standard	Standard	Standard
Turn assist lights	Standard	Standard	Standard
Front fog lights	-	-	-
Adaptive Front Steering (AFS)	Standard	Standard	Standard
Headlight height adjustment	Standard	Standard	Standard
Headlight cleaning function	-	-	-
Interior ambient lighting	Multi-color	Multi-color	Multi-color
Active ambient lighting	-	-	-
Lighting features	-	-	-
Light projection technology	-	-	-
Headlights delayed off	Standard	Standard	Standard
Headlight rain and fog mode	-	-	-

GLASS AND MIRRORS

Model	2025 530 Light	2025 530 Air	2025 530 Land
Power windows	Front row	Front row	Front row
	Back row	Back row	Back row
One-touch window lift	Whole vehicle	Whole vehicle	Whole vehicle
Window anti-pinch function	Standard	Standard	Standard
	Electric adjustment	Electric adjustment	Electric adjustment
	Heating	Heating	Heating

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Exterior rearview mirror function	Electric folding	Electric folding	Electric folding
	Memory	Memory	Memory
	Reverse auto down	Reverse auto down	Reverse auto down
	Lock auto fold	Lock auto fold	Lock auto fold
	Automatic anti-glare	Automatic anti-glare	Automatic anti-glare
Interior rearview mirror function	Automatic anti-glare	Automatic anti-glare	Automatic anti-glare
Car makeup mirror	Main driving position + lighting	Main driving position + lighting	Main driving position + lighting
	Co-driving position + lighting	Co-driving position + lighting	Co-driving position + lighting
Rear privacy glass	-	-	-
Car sunshade	-	-	-
Rain-sensing wipers	Standard	Standard	Standard
Rear wiper	Standard	Standard	Standard
Rear window open	-	-	-
Multi-layer soundproof glass	-	-	-
Electric heating of the front windshield	-	-	-
Heated water nozzle	-	-	-

AIR CONDITIONING

Model	2025 530 Light	2025 530 Air	2025 530 Land
Air conditioning control method	Automatic	Automatic	Automatic
Rear independent air conditioning	-	-	Standard
Rear air outlet	Standard	Standard	Standard
Temperature zone control	Dual-zone air conditioning	Dual-zone air conditioning	Dual-zone air conditioning
Car air purifier	Standard	Standard	Standard
In-car PM2.5 filter	Standard	Standard	Standard
Negative ion generator	Standard	Standard	Standard
Car fragrance device	-	-	-

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AQS Air Quality Management System	-	-	-
Car refrigerator	-	-	Standard
	-	-	Heating
Car refrigerator function	-	-	Cooling
	-	-	Freezing

INTELLIGENT FEATURES

Model	2025 530 Light	2025 530 Air	2025 530 Land
Assisted driving operating system	-	-	-
Assisted driving chip	-	-	-
Assisted driving chip computing power (TOPS)	-	-	-
In-vehicle intelligent system	-	-	-
In-vehicle smart chip	-	-	-
Vehicle system memory (GB)	-	-	-
Vehicle system storage (GB)	-	-	-
Mobile App remote control	Vehicle monitoring	Vehicle monitoring	Vehicle monitoring
	Remote control	Remote control	Remote control
	Charging management	Charging management	Charging management
	Service appointment	Service appointment	Service appointment
Heat pump management system	-	-	-
Number of external cameras	-	-	-
Number of ultrasonic radars	-	-	-
Number of millimeter-wave radars	-	-	-
Sub-meter high-precision positioning system	-	-	-
High-precision maps	-	-	-
Sentinel (Clairvoyance) Mode	-	-	-
V2X communication	-	-	-

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Standard • Optional ◦ None -



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