HILUCK	Ideal L8 2025 Pro Smart Renewal Edition	Ideal LE	
Your Trusted Chinese EV	Kellewai Luition	Jiliai Citei	
Partner	-		

Ideal L8 2025 Max Smart Renewal Edition

Ideal L8 2025 Ultra Smart Renewal Edition

Basic parameters (• Standard ○ Optional - N/A)

Manufacturer	Ideal Auto	Ideal Auto	Ideal Auto
level	mid-to-large SUVs	mid-to-large SUVs	mid-to-large SUVs
Energy type	Extended range	Extended range	Extended range
Environmental standards	National VI	National VI	National VI
Time to market	2025.05	2025.05	2025.05
WLTC pure electric range (km)	190	235	235
CLTC pure electric range (km)	225	280	280
Battery fast charging time (hours)	0.42	0.5	0.5
Battery slow charging time (hours)	6.5	7.9	7.9
Battery fast charge capacity range (%)	20-80	20-80	20-80
Battery slow charging capacity range (%)	0-100	0-100	0-100
Maximum power (kW)	330	330	330
Maximum torque (N·m)	620	620	620
gearbox	Electric vehicle single- speed transmission	Electric vehicle single- speed transmission	Electric vehicle single- speed transmission
Body structure	5-door, 6-seater SUV	5-door, 6-seater SUV	5-door, 6-seater SUV
engine	Extended range 154 horsepower	Extended range 154 horsepower	Extended range 154 horsepower
Motor (Ps)	449	449	449
Length*Width*Height(mm)	5080*1995*1800	5080*1995*1800	5080*1995*1800
Official 0-100km/h acceleration (s)	5.3	5.3	5.3
Official 100-0km/h braking (m)	36.9	36.9	36.9

Maximum speed (km/h)	180	180	180
WLTC comprehensive fuel consumption (L/100km)	0.71	0.71	0.71
Lowest state-of-charge fuel consumption (L/100km) WLTC	7.5	7.5	7.5
Electric energy equivalent fuel consumption (L/100km)	2.59	2.62	2.62
Combined fuel consumption (L/100km)	3.47	3.4	3.4
Curb mass (kg)	2490	2530	2530
Maximum full load mass (kg)	3130	3130	3130

body (• Standard ○ Optional - N/A)

Length (mm)	5080	5080	5080
Width (mm)	1995	1995	1995
Height (mm)	1800	1800	1800
Wheelbase (mm)	3005	3005	3005
Front wheelbase (mm)	1725	1725	1725
Rear track (mm)	1741	1741	1741
Minimum ground clearance when fully loaded (mm)	172	172	172
Minimum ground clearance when unloaded (mm)	173	173	173
Approach angle (°)	19	19	19
Departure angle (°)	twenty one	twenty one	twenty one
Longitudinal passing angle (°)	16.3	16.3	16.3
Maximum climbing grade (%)	40	40	40
Maximum climbing angle (°)	21.8	21.8	21.8
Minimum turning radius (m)	5.9	5.9	5.9
Maximum wading depth (mm)	500	500	500

Body structure	SUV	SUV	SUV
Door opening method	swing door	swing door	swing door
Number of doors	• 5	• 5	• 5
Number of seats	• 6	• 6	• 6
Fuel tank capacity (L)	65	65	65
Trunk volume (L)	313-1098	313-1098	313-1098
Drag coefficient (Cd)	0.297	0.297	0.297

engine (• Standard ○ Optional - N/A)

Engine model	L2E15M	L2E15M	L2E15M
Displacement (mL)	1496	1496	1496
Displacement (L)	1.5	1.5	1.5
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
Compression ratio	12.5	12.5	12.5
valve train	DOHC	DOHC	DOHC
Cylinder diameter (mm)	74.5	74.5	74.5
Stroke (mm)	85.8	85.8	85.8
Maximum horsepower (Ps)	154	154	154
Maximum power (kW)	113	113	113
Maximum power speed (rpm)	4800	4800	4800
Maximum torque (N·m)	245	245	245
Maximum torque speed (rpm)	2500-4000	2500-4000	2500-4000
Maximum net power (kW)	110	110	110

Energy type	Extended range	Extended range	Extended range
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 O Optional - N/A)

former motor brand	Changzhou Huixiang	Changzhou Huixiang	Changzhou Huixiang
Rear motor brand	BorgWarner	United Automotive Electronics	United Automotive Electronics
Front motor model	TZ180XS118	TZ180XS118	TZ180XS118
Rear motor model	TZ220XS001	TZ220XS066	TZ220XS066
Motor type	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous
Total motor power (kW)	330	330	330
Total motor horsepower (Ps)	449	449	449
Total torque of the motor (N·m)	620	620	620
Maximum power of front motor (kW)	130	130	130
Maximum torque of front motor (N·m)	220	220	220
Maximum power of rear motor (kW)	200	200	200
Maximum torque of rear motor (N·m)	400	400	400
System total power (kW)	330	330	330
System comprehensive power (Ps)	449	449	449
System comprehensive torque (N·m)	620	620	620

Number of drive motors	Dual motors	Dual motors	Dual motors
Motor layout	Front + rear	Front + rear	Front + rear

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

Battery Type	Ternary lithium battery	Ternary lithium battery	Ternary lithium battery
Battery cell brand	CATLXinwangda	• CATL	• CATL
Battery-specific technology	Using flame retardant materials and thermal runaway protection technology	Using flame retardant materials and thermal runaway protection technology	Using flame retardant materials and thermal runaway protection technology
Battery cooling method	Liquid Cooling	Liquid Cooling	Liquid Cooling
WLTC pure electric range (km)	190	235	235
CLTC pure electric range (km)	225	280	280
WLTC comprehensive cruising range (km)	1135	1180	1180
CLTC comprehensive endurance (km)	1360	1415	1415
Battery energy (kWh)	42.8	52.3	52.3
Power consumption per 100 kilometers (kWh/100km)	22.9	23.2	23.2
Fast charging function	support	support	support
Fast charging power (kW)	75	90	90
High voltage platform (V)	400	400	400
Battery fast charging time (hours)	0.42	0.5	0.5
Battery slow charging time (hours)	6.5	7.9	7.9
Battery fast charge capacity range (%)	20-80	20-80	20-80
Battery slow charging capacity range (%)	0-100	0-100	0-100
Charging pile price (yuan)	3699	3699	3699

Slow charging port location	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
External AC discharge power (kW)	3.5	3.5	3.5
Minimum allowable value of external discharge (%)	20	20	20

gearbox (• Standard ○ Optional - N/A)

Abbreviation	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 (• Standard ○ Optional - N/A)

Drive mode	Dual-motor four-wheel drive	 Dual-motor four-wheel drive 	• Dual-motor four-wheel drive
Four-wheel drive	Electric four-wheel drive	Electric four-wheel drive	Electric four-wheel drive
Front suspension type	 Double wishbone independent suspension 	Double wishbone independent suspension	Double wishbone independent suspension
Rear suspension type	• Five-link independent suspension	 Five-link independent suspension 	 Five-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 O Optional - N/A)

Front brake type	Ventilated disc type	Ventilated disc type	Ventilated disc type
Rear brake type	Ventilated disc type	Ventilated disc type	Ventilated disc type
Parking brake type	Electronic parking brake	Electronic parking brake	Electronic parking brake
Front tire specifications	• 255/50 R20 ○ 265/45 R21 (10,000 yuan)	• 255/50 R20 ○ 265/45 R21 (10,000 yuan)	• 265/45 R21

Rear tire specifications	• 255/50 R20 ○ 265/45 R21	• 255/50 R20 ○ 265/45 R21	• 265/45 R21
Spare tire specifications	-	-	-

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

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•
Front center airbag	•	•	•

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 display	• Tire pressure display	• Tire pressure display
Seat belt unfastened reminder	• 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	•	•	•
Rear Collision Warning	•	•	•

Sentry Mode/Clairvoyance	•	•	•
Low speed warning	•	•	•
Built-in driving recorder	•	•	•
Roadside assistance call	•	•	•

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

Driving mode switch	sportsStandard/Comfort	sportsStandard/Comfort	sportsStandard/Comfort
Jiming mode simen	Off-road	Off-road	 Off-road
	• Snow	Snow	Snow
Energy recovery system	•	•	•
Automatic parking	•	•	•
Hill-start assist	•		•
Steep slope descent	•	•	•
	 Suspension soft and 	 Suspension soft and 	 Suspension soft and
We fold to a second to a first of the	hard adjustment	hard adjustment	hard adjustment
Variable suspension function	 Suspension height 	 Suspension height 	 Suspension height
	adjustment	adjustment	adjustment
air suspension		•	•
Magic Carpet Intelligent Suspension	•	•	•

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

Front/rear parking radar	forward• / back•	forward• / back•	forward• / back•
Driving assistance images	 360-degree panoramic images Vehicle side blind spot image 	 360-degree panoramic images Vehicle side blind spot image 	 360-degree panoramic images Vehicle side blind spot image
Transparent chassis/540-degree imaging	•	•	•
Assisted driving chip	Horizon Journey 6M	NVIDIA Drive Thor-U	NVIDIA Drive Thor-U
Total chip computing power	• 128 TOPS	• 700 TOPS	• 700 TOPS

Forward perception camera	• Binocular	• Binocular	• Binocular
Number of cameras	• 11	• 11	• 11
Front perception camera pixels	• 8 million	• 8 million	• 8 million
Environmental perception camera pixels	8 million2 million	8 million2 million	8 million2 million
Surround view camera pixels	• 3 million	• 3 million	• 3 million
Number of cameras in the car	• 1	• 2	• 2
Number of ultrasonic radars	• 12	• 12	• 12
Number of millimeter-wave radars	• 1	• 1	• 1
LiDAR brand	HESAI Hesai Technology	HESAI Hesai Technology	HESAI Hesai Technology
LiDAR model	• ATL	• ATL	• ATL
Number of lidars	• 1	• 1	• 1
LiDAR line count	• 116 lines	• 116 lines	• 116 lines
LiDAR 10% reflectivity detection distance	• 200 meters	• 200 meters	• 200 meters
Number of lidar point clouds	• 1.73 million/second	• 1.73 million/second	• 1.73 million/second
Maximum front detection distance	• 200 meters	• 200 meters	• 200 meters

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

Cruise control system	 Full-speed adaptive cruise control 	 Full-speed adaptive cruise control 	 Full-speed adaptive cruise control
Assisted driving system	• Ideal AD Pro	• Ideal AD Max	• Ideal AD Max
Driving assistance level	• L2	• L2	• L2
Reversing side warning system	•	•	•
Satellite navigation system	•	•	•
Navigation traffic information display	•	•	•
Map Brand	• Gaode	• Gaode	• Gaode

High-precision maps	•	-	-
High-precision positioning	•	•	•
Lane change assistance	•	•	•
Lane Keeping Assist System	•	•	•
Lane centering	•	•	•
Road traffic sign recognition	•	•	•
Assisted parking	•	•	•
Remote control parking	•	•	•
Memory Parking	•	•	•
Assisted lane change	•	•	•
Automatic exit (entry) of auxiliary ramp	•		•
Traffic light recognition	•		•
Remote Summon	•		•
Hands-off steering wheel detection	•	•	•
Start reminder	•	•	•
Assisted driving sections	• Expressway section	 Urban roads Expressway section	 Urban roads Expressway section

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

Rim material	aluminum alloy	• aluminum alloy	aluminum alloy
Electric suction door	• whole vehicle	whole vehicle	• whole vehicle
Electric trunk	•	•	•
Sensor trunk	•	•	•
Electric trunk position memory	•	•	•
Engine electronic immobilizer	•	•	•
Central locking system in the car	•	•	•

Key type	remote control keyBluetooth keyNFC/RFID keys	remote control keyBluetooth keyNFC/RFID keys	remote control keyBluetooth keyNFC/RFID keys
Keyless start system	•	•	•
Keyless entry function	• whole vehicle	• whole vehicle	• whole vehicle
Hidden electric door handles	•	•	•
Active closed grille	•	•	•
Remote start function	•	•	•
Side pedals	○ Electric (10,000 yuan)	O Electric (10,000 yuan)	○ Electric (10,000 yuan)
Battery preheating	•	•	•
Discharge to the outside	•	•	•

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

Low beam light source	• led	• led	• led
High beam light source	• led	• led	• led
LED daytime running lights	•	•	•
Adaptive high and low beam	•	•	•
Automatic headlights	•	•	•
Turn assist lights	•	•	•
Front fog lights	-	-	-
Headlight height adjustable	•	•	•
Headlights delayed off	•	•	•
Auxiliary driving lights	-	•	•

$\textbf{Skylight/Glass} \hspace{0.3cm} \textbf{(} \bullet \textbf{Standard} \bigcirc \textbf{Optional - N/A} \textbf{)}$

Skylight Type	 Segmented non-	 Segmented non-	 Segmented non-
	openable skylight	openable skylight	openable skylight
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	•	•	•
Side window multi-layer soundproof glass	front rowback row	front rowback row	front rowback row
Rear side privacy glass	•	•	•
Car makeup mirror	Main driving light + lightingCo-pilot + lighting	Main driving light + lightingCo-pilot + lighting	Main driving light + lightingCo-pilot + lighting
rear wiper	•	•	•
Rain sensor wiper function	• Rain sensor	• Rain sensor	• Rain sensor

exterior rearview mirror (• Standard O Optional - N/A)

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

Central control color screen	• Touch LCD screen	• Touch LCD screen	• Touch LCD screen
Central control screen size	• 15.7 inches	• 15.7 inches	• 15.7 inches
Central control screen type	• LCD	• LCD	• LCD
Central control screen resolution	• 3K	• 3K	• 3K
Central control screen pixel density	• 210PPI	• 210PPI	• 210PPI
Passenger car entertainment screen size	• 15.7 inches	• 15.7 inches	• 15.7 inches
Passenger screen type	• LCD	• LCD	• LCD
Passenger car screen resolution	• 3K	• 3K	• 3K

Passenger screen pixel density	• 210PPI	• 210PPI	• 210PPI
Bluetooth/car phone	•	•	•
Mobile phone interconnection/mapping	-	-	-
Voice recognition control system	 Multimedia system navigation Telephone air conditioner car windows Heated seats Seat ventilation Seat massage 	 Multimedia system navigation Telephone air conditioner car windows Heated seats Seat ventilation Seat massage 	 Multimedia system navigation Telephone air conditioner car windows Heated seats Seat ventilation Seat massage
Voice assistant wake-up word	 Ideal classmates 	 Ideal classmates 	 Ideal classmates
Voice wake-up word-free	•	•	•
Voice wake-up recognition by region	• Six regions	• Six regions	• Six regions
Continuous Speech Recognition	•		•
Seeing is telling	•		•
Gesture control	•	•	•
Voiceprint recognition		•	•
DeepSeek Application	Connected	Connected	Connected
App Store	•	•	•
Car computer smart chip	• Qualcomm Snapdragon 8295P	 Qualcomm Snapdragon 8295P 	• Qualcomm Snapdragon 8295P
Rear LCD screen	-	-	•
Rear LCD screen size	-	-	• 15.7 inches
Rear LCD screen type	-	-	• LCD
Rear LCD screen resolution	-	-	• 3K
Rear LCD screen pixel density	-	-	• 210PPI
Number of rear multimedia screens	-	-	• 1
Rear multimedia control	-	-	•

Vehicle system memory (GB)	• twenty four	• twenty four	• 32
Vehicle system storage (GB)	• 128	• 128	• 128
Multi-finger flying screen control	•	•	•

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

Internet of Vehicles	•	•	•
4G/5G network	• 5G	• 5G	• 5G
OTA upgrade	•	•	•
Wi-Fi hotspots	•	•	•
In-vehicle biological monitoring system	•	•	•
Mobile APP remote function	 Door control Window controls Vehicle start Charging Management Air conditioning control Heated steering wheel Heated seats Seat ventilation Vehicle condition inquiry/diagnosis Vehicle positioning/search Car owner services (find charging stations, gas stations, parking lots, etc.) Schedule 	 Door control Window controls Vehicle start Charging Management Air conditioning control Heated steering wheel Heated seats Seat ventilation Vehicle condition inquiry/diagnosis Vehicle positioning/search Car owner services (find charging stations, gas stations, parking lots, etc.) Schedule 	 Door control Window controls Vehicle start Charging Management Air conditioning control Heated steering wheel Heated seats Seat ventilation Vehicle condition inquiry/diagnosis Vehicle positioning/search Car owner services (find charging stations, gas stations, parking lots, etc.) Schedule
Car KTV	maintenance/repair	maintenance/repair	maintenance/repair

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

Steering wheel material	Genuine Leather	Genuine Leather	Genuine Leather
Steering wheel position adjustment	• Electric up and down + front and back adjustment	• Electric up and down + front and back adjustment	• Electric up and down + front and back adjustment
Gear shifting	• Electronic hand-shift	• Electronic hand-shift	• Electronic hand-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	• 4.82 inches	• 4.82 inches	• 4.82 inches
Dashboard screen resolution (px)	• 800x166	• 800x166	• 800x166
Instrument panel screen pixel density	• 170PPI	• 170PPI	• 170PPI
HUD Head-up digital display	•	•	•
HUD head-up size	• 13.35 inches	• 13.35 inches	• 13.35 inches
Interior rearview mirror function	Automatic anti-glare	Automatic anti-glare	Automatic anti-glare

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

Multimedia/charging port	• Type-C	• Type-C	• Type-C
Number of USB/Type-C ports	• 2 front seats/4 rear seats	• 2 front seats/4 rear seats	• 2 front seats/4 rear seats
USB/Type-C maximum charging power	• 67W	• 67W	• 67W
220V/230V power supply	•	•	•
Mobile phone wireless charging function	• front row	• front row	• front row
Mobile phone wireless charging power	• 50W	• 50W	• 50W
Luggage compartment 12V power socket	•	•	•

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

Seat material	Genuine Leather	Genuine Leather	Genuine Leather
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Main seat adjustment method	 Front and rear adjustment Backrest adjustment Height adjustment (4 directions) Lumbar support (4-way) 	 Front and rear adjustment Backrest adjustment Height adjustment (4 directions) Lumbar support (4-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 Height adjustment (4 directions) Lumbar support (4-way) 	 Front and rear adjustment Backrest adjustment Height adjustment (4 directions) Lumbar support (4-way) 	 Front and rear adjustment Backrest adjustment Height adjustment (4 directions) Lumbar support (4-way)
Driver/passenger seat electric adjustment	host∙ / Vice∙	host∙ / Vice∙	host∙ / Vice∙
Front seat functions	heatingventilationmassage	heatingventilationmassage	heatingventilationmassage
Electric seat memory function	Driver's seatco-pilot seat	Driver's seatco-pilot seat	Driver's seatco-pilot seat
Co-pilot rear seat adjustable buttons	•	•	•
Second row seat adjustment	Front and rear adjustmentBackrest adjustment	Front and rear adjustmentBackrest adjustment	Front and rear adjustmentBackrest adjustment
Second row seats electrically adjustable	•	•	•
Second row seat functions	heatingventilationmassage	heatingventilationmassage	heatingventilationmassage
Rear small table	•	•	•
Second row independent seats	•	•	•
Third row seat adjustment	Backrest adjustment	Backrest adjustment	Backrest adjustment
The third row of seats is electrically adjustable	•	•	•
Third row seat functions	heating	heating	heating
Seat layout	• 2-2-2	• 2-2-2	• 2-2-2
Rear seat folding	Proportional down	Proportional down	Proportional down

Electric folding rear seats	•	•	•
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	• 19 speakers	• 19 speakers	• 21 speakers
Dolby Atmos	•	•	•
Touch-sensitive reading light	•	•	•
Interior ambient lighting	• 256 colors	• 256 colors	• 256 colors

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	•	•	•
Negative ion generator	•	•	•
Air quality monitoring	•	•	•
Car refrigerator	-	•	•

Featured Configuration (• Standard ○ Optional - N/A)

LED advanced driver assistance			_
lights	-	•	•

color (• Standard ○ Optional - N/A)

Appearance color	Baby Blue Special Edition ¥10000 Pearl Paint Silver metallic paint Gray metallic paint Black metallic paint Green Special Edition Pearl ¥10000 Paint White pearl paint Blue-gray special edition ¥10000 cold light paint	Baby Blue Special Edition ¥ 10000 Pearl Paint Silver metallic paint Gray metallic paint Black metallic paint Green Special Edition Pearl ¥ 10000 Paint White pearl paint Blue-gray special edition ¥ 10000 cold light paint	Baby Blue Special Edition ¥10000 Pearl Paint Silver metallic paint Gray metallic paint Black metallic paint Green Special Edition Pearl ¥10000 Paint White pearl paint Blue-gray special edition ¥10000 cold light paint
Interior color	black Black/white Black/Orange Black/Brown	black Black/white Black/Orange Black/Brown	black Black/white Black/Orange Black/Brown