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IM L7 configuration sheet

	IM L7 2023 Elite	IM L7 2022 Dynamic	IM L7 2022 Pro
Basic parameters			
Manufacturer level	IM Automobile Medium and large cars	IM Automobile Medium and large cars	IM Automobile Medium and large cars
Energy type	pure electric	pure electric	pure electric
time to market	2022.12	2022.04	2022.03
CLTC pure electric cruising range (km)	675	615	615
Fast charging time (hours)	-	-	-
Slow charging time (hours)	-	-	-
Fast charging percentage	-	-	-
Maximum power(kW)	250	425	425
Maximum torque (N · m)	475	725	725
Motor(Ps)	340	578	578
Length*width*height (mm)	5098*1960*1485	5098*1960*1485	5098*1960*1485
Body structure	4-door, 5-seat sedan	4-door, 5-seat sedan	4-door, 5-seat sedan
Maximum speed (km/h)	200	200	200
Official 0-100km/h acceleration (s)	5.9	3.87	3.87
Electric energy equivalent fuel consumption (L/100km)	1.52	1.74	1.74
Vehicle warranty	Five years or 150,000 kilometers	Five years or 150,000 kilometers	Five years or 150,000 kilometers

First owner warranty policy	Unlimited years/unlimited mileage (the liability exemption clause shall be subject to the official)	Unlimited years/unlimited mileage (the liability exemption clause shall be subject to the official)	Unlimited years/unlimited mileage (the liability exemption clause shall be subject to the official)
Body			
Length(mm)	5098	5098	5098
Width(mm)	1960	1960	1960
Height(mm)	1485	1485	1485
Wheelbase(mm)	3100	3100	3100
Front wheelbase (mm)	1664	1664	1664
Rear wheelbase (mm)	1660	1660	1660
Approach angle (°)	15	15	15
Departure angle (°)	17	17	17
Minimum turning radius (m)	5.4	5.4	5.4
Body structure	Sedan	Sedan	Sedan
Car door opening method	swing door	swing door	swing door
Number of doors (number)	4	4	4
Number of seats (seats)	5	5	5
Trunk volume (L)	-	-	-
Drag coefficient (Cd)	0.21	0.21	0.21
Curb weight (kg)	2165	2290	2290
Maximum full load mass (kg)	2610	2735	2735
Electric Motor			
Motor type	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous
Total motor power (kW)	250	425	425
Total motor power (Ps)	340	578	578
Total torque of motor (N · m)	475	725	725

Maximum power of front electric motor (kW)	-	175	175
Maximum torque of front electric motor (N · m)	-	250	250
Maximum power of rear electric motor (kW)	250	250	250
Maximum torque of rear electric motor (N · m)	475	475	475
Number of drive motors	single motor	Dual motor	Dual motor
Motor layout	rear	Front + rear	Front + rear
Battery Type	Ternary lithium battery	Ternary lithium battery	Ternary lithium battery
Battery brand	Ningde era	Ningde era	Ningde era
Battery cooling method	liquid cooling	liquid cooling	liquid cooling
CLTC pure electric cruising range (km)	675	615	615
Battery energy (kWh)	90	90	90
Battery energy density (Wh/kg)	195	195	195
Electricity consumption per 100 kilometers (kWh/100km)	13.4	15.4	15.4
Battery pack warranty	Eight years or 240,000 kilometers	Eight years or 240,000 kilometers	Eight years or 240,000 kilometers
Fast charging function	support	support	support
Fast charging time (hours)	-	-	-
Slow charging time (hours)	-	-	-
Fast charging capacity(%)	-	-	-
electric motor	250	425	425
Gearbox			

Number of gears	1	1	1
Gearbox type	fixed ratio gearbox	fixed ratio gearbox	fixed ratio gearbox
abbreviation	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox
chassis steering	IM L7 2023 Elite	IM L7 2022 Dynamic	IM L7 2022 Pro
Drive mode	rear wheel drive	Dual motor four-wheel drive	Dual motor four-wheel drive
four-wheel drive	-	Electric four-wheel drive	Electric four-wheel drive
Center differential structure	-	-	-
Front suspension type	Double wishbone independent suspension	Double wishbone independent suspension	Double wishbone independent suspension
rear suspension type	Multi-link independent suspension	Multi-link independent suspension	Multi-link independent suspension
Assist type	electric assist	electric assist	electric assist
Body structure	Load-bearing	Load-bearing	Load-bearing
Wheel Brake			
Front brake type	ventilated disc	ventilated disc	ventilated disc
rear brake type	ventilated disc	ventilated disc	ventilated disc
Parking brake type	Electronic parking	Electronic parking	Electronic parking
Front tire specifications	245/45R19	245/45R19	245/40 R20
Rear tire specifications	275/40R19	275/40R19	275/35R20
Spare tire specifications	Tire repair tools	Tire repair tools	Tire repair tools
Passive Safety			
Main/passenger seat airbag	Main●/Deputy●	Main●/Deputy●	Main●/Deputy●
Front/rear side airbags	Before●/After-	Before●/After-	Before●/After-
Front/rear head airbags (curtain airbags)	before●/after●	before●/after●	before●/after●
Tire pressure monitoring function	●Tire pressure display	●Tire pressure display	●Tire pressure display
Run-flat tires	-	-	-

Seat belt not fastened reminder	●The whole car	●The whole car	●The whole car
ISOFIX child seat interface	●	●	●
ABS anti-lock	●	●	●
Braking force distribution (EBD/CBC, etc.)	●	●	●
Brake assist (EBA/BAS/BA, etc.)	●	●	●
Traction control (ASR/TCS/TRC, etc.)	●	●	●
Body stability control (ESC/ESP/DSC, etc.)	●	●	●
Active Safety			
Lane Departure Warning System	●	●	●
Active braking/active safety system	●	●	●
Fatigue driving tips	-	-	-
DOW opening warning	●	●	●
forward collision warning	●	●	●
Low speed warning	●	●	●
Built-in driving recorder	●	●	●
roadside assistance call	●	●	●
Driving Control			
Driving mode switch	●Sport ●Economy ●Standard/Comfortable	●Sport ●Economy ●Standard/Comfortable	●Sport ●Economy ●Standard/Comfortable
energy recovery system	●	●	●
automatic parking	●	●	●
Hill assist	●	●	●
steep descent	-	-	-
Variable suspension function	●Suspension soft and hard adjustment	●Suspension soft and hard adjustment	●Suspension soft and hard adjustment

4WD/Off-road			
Integral active steering system	○	●	●
Limited slip differential/differential lock	-	-	-
Driving Hardware			
Front/rear parking radar	before ●/after ●	before ●/after ●	before ●/after ●
Driving assistance images	●360-degree panoramic image	●360-degree panoramic image	●360-degree panoramic image
Transparent chassis/540 degree image	●	●	●
Assisted driving chip	●NVIDIA Xavier ○ NVIDIA Orin-X	●NVIDIA Xavier ○ NVIDIA Orin-X	●NVIDIA Xavier ○ NVIDIA Orin-X
Number of cameras	●11 pieces	●11 pieces	●11 pieces
Ultrasonic radar quantity	●12 pieces	●12 pieces	●12 pieces
Millimeter wave radar quantity	●5 pieces	●5 pieces	●5 pieces
LiDAR quantity	○2 pieces	○2 pieces	○2 pieces
Driving Function			
cruise system	● Full-speed adaptive cruise	● Full-speed adaptive cruise	● Full-speed adaptive cruise
Assisted driving system	●IM AD	●IM AD	●IM AD
Assisted driving level	●L2	●L2	●L2
Reverse side warning system	●	●	●
satellite navigation system	●	●	●
Navigation traffic information display	●	●	●
map brand	●Gaode	●Gaode	●Gaode
HD map	●	●	●
Parallel assistance	●	●	●
Lane Keeping Assist System	●	●	●

Road traffic sign recognition	●	●	●
Automatic parking	●	●	●
remote control parking	●	●	●
Automatic lane change assist	●	●	●
remote summoning	○	○	○
Appearance/Anti-theft			
Sport appearance package	-	-	-
Rim material	●Aluminum alloy	●Aluminum alloy	●Aluminum alloy
Electric suction door	●The whole car	●The whole car	●The whole car
Automatic opening and closing of car doors	-	-	●
Frameless design door	●	●	●
Electric trunk	●	●	●
Central locking in car	●	●	●
Key type	●Remote key ●Bluetooth key	●Remote key ●Bluetooth key	●Remote key ●Bluetooth key
Keyless start system	●	●	●
Keyless entry function	●The whole car	●The whole car	●The whole car
Hidden electric door handle	●	●	●
Active closing air intake grille	●	●	●
Remote start function	●	●	●
Battery preheating	●	●	●
Vehicle wireless charging	-	○	○
Exterior Lights			
low beam light source	●LED	●LED	●LED
high beam light source	●LED	●LED	●LED

Lighting features	-	-	● Pixel style ● Programmable smart headlights
LED daytime running lights	●	●	●
Adaptive high and low beam	-	-	●
automatic headlight	●	●	●
car front fog lights	-	-	-
Headlight height adjustable	●	●	●
Delayed turn off of headlights	●	●	●
Skylight/Glass			
Skylight type	● The panoramic sunroof cannot be opened	● The panoramic sunroof cannot be opened	● The panoramic sunroof cannot be opened
Front/rear electric windows	before ● / after ●	before ● / after ●	before ● / after ●
One-touch window lifting function	● The whole car	● The whole car	● The whole car
Window anti-pinch function	●	●	●
Multilayer soundproof glass	● The whole car	● The whole car	● The whole car
Rear side privacy glass	●	●	●
Car vanity mirror	● Main driver + lighting ● Co-pilot + lighting	● Main driver + lighting ● Co-pilot + lighting	● Main driver + lighting ● Co-pilot + lighting
rear wiper	-	-	-
Sensing wiper function	● Rain sensor type	● Rain sensor type	● Rain sensor type
Exterior Rearview Mirror			
Exterior rearview mirror function	● Electric adjustment ● Electric folding ● Rearview mirror memory ● Heated rearview mirror ● Automatic folding when the car is locked	● Electric adjustment ● Electric folding ● Rearview mirror memory ● Heated rearview mirror ● Automatic folding when the car is locked	● Electric adjustment ● Electric folding ● Rearview mirror memory ● Heated rearview mirror ● Automatic folding when the car is locked

Screen/System			
Central control color screen	● Touch OLED screen	● Touch OLED screen	● Touch OLED screen
Central control screen size	● 26.3 inches	● 26.3 inches	● 26.3 inches
Screen size under central control	● 12.8 inches	● 12.8 inches	● 12.8 inches
Passenger entertainment screen	● 12.3 inches	● 12.3 inches	● 12.3 inches
Bluetooth/car phone	●	●	●
Mobile phone interconnection/mapping	-	-	-
Voice recognition control system	● Multimedia system ● Navigation ● Telephone ● Air conditioning	● Multimedia system ● Navigation ● Telephone ● Air conditioning	● Multimedia system ● Navigation ● Telephone ● Air conditioning
Vehicle intelligent system	● IM OS	● IM OS	● IM OS
Multi-finger flying screen control	●	-	-
Voice wake word free	●	-	-
Voice area wake-up recognition	● Four areas	-	-
Speech continuous recognition	●	-	-
It can be said that it is visible	●	-	-
Intelligent Configuration			
Internet of Vehicles	●	●	●
4G/5G network	● 5G	● 5G	● 5G
OTA upgrade	●	●	●
Wi-Fi hotspot	●	●	●

Mobile APP remote function	<ul style="list-style-type: none"> ● Door control ● Charging management ● Car light control ● Air conditioning control ● Steering wheel heating ● Seat heating ● Vehicle condition query/diagnosis ● Vehicle positioning/car search ● Car owner service (find charging piles, gas stations, parking lots, etc.) ● Maintenance appointment/appointment repair 	<ul style="list-style-type: none"> ● Door control ● Charging management ● Car light control ● Air conditioning control ● Steering wheel heating ● Seat heating ● Vehicle condition query/diagnosis ● Vehicle positioning/car search ● Car owner service (find charging piles, gas stations, parking lots, etc.) ● Maintenance appointment/appointment repair 	<ul style="list-style-type: none"> ● Door control ● Charging management ● Car light control ● Air conditioning control ● Steering wheel heating ● Seat heating ● Vehicle condition query/diagnosis ● Vehicle positioning/car search ● Car owner service (find charging piles, gas stations, parking lots, etc.) ● Maintenance appointment/appointment repair
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Steering wheel/Interior rearview mirror

Steering wheel material	●Genuine leather	●Genuine leather	●Genuine leather
Steering wheel position adjustment	●Electric up and down + front and rear adjustment	●Electric up and down + front and rear adjustment	● Electric up and down + front and rear adjustment
Shift pattern	●Electronic gear shifting	● Electronic gear shifting	●Electronic gear shifting
Multifunction steering wheel	●	●	●
steering wheel gear shift	-	-	-
Steering wheel heating	●	●	●
steering wheel memory	●	●	●
Trip computer display screen	●Color	●Color	●Color
Full LCD instrument panel	●	●	●
LCD instrument size	-	-	-
Interior rearview mirror function	●Automatic anti-dazzle	●Automatic anti-dazzle	●Automatic anti-dazzle

Charging in car			
Multimedia/charging interface	●Type-C	●Type-C	●Type-C
Number of USB/Type-C interfaces	●2 in the front row/2 in the back row	●2 in the front row/2 in the back row	●2 in the front row/2 in the back row
Mobile phone wireless charging function	●Front row	●Front row	●Front row
Seat Configuration			
seat material	●Imitation leather○ Genuine leather	●Imitation leather○ Genuine leather	●Imitation leather○ Genuine leather
Sports style seats	●	●	●
Main seat adjustment method	● Front and back adjustment ● Backrest adjustment ● Height adjustment (4-way) ● Waist support (4-way)	● Front and back adjustment ● Backrest adjustment ● Height adjustment (4-way) ● Waist support (4-way)	● Front and back adjustment ● Backrest adjustment ● Height adjustment (4-way) ● Waist support (4-way)
Secondary seat adjustment method	● Front and back adjustment ● Backrest adjustment ● Height adjustment (2-way) ● Waist support (4-way)	● Front and back adjustment ● Backrest adjustment ● Height adjustment (2-way) ● Waist support (4-way)	● Front and back adjustment ● Backrest adjustment ● Height adjustment (2-way) ● Waist support (4-way)
Main/passenger seat electric adjustment	Main●/Deputy●	Main●/Deputy●	Main●/Deputy●
Front seat functions	●Heating ● Ventilation ○Massage	●Heating ● Ventilation ○Massage	●Heating ● Ventilation ○Massage
Power seat memory function	●Driver's seat ● Co-pilot's seat	●Driver's seat ● Co-pilot's seat	●Driver's seat ● Co-pilot's seat
Adjustable buttons for the passenger seat and rear row	-	-	-
Second row seat adjustment	-	-	-
Second row seat functions	●Heating	●Heating	●Heating
Rear seats fold down	-	-	-
Front/rear center armrest	before●/after●	before●/after●	before●/after●
Rear cup holder	●	●	●
Audio/Interior lighting			

Speaker brand name	-	-	-
Number of speakers	● 22 speakers	● 22 speakers	● 22 speakers
touch reading light	●	●	●
Car interior ambient lighting	● 256 colors	● 256 colors	● 256 colors
Air conditioner/Refrigerator			
Air conditioning temperature control method	● Automatic air conditioning	● Automatic air conditioning	● Automatic air conditioning
heat pump air conditioner	●	●	●
Independent air conditioning in the rear	-	-	-
Rear seat air outlet	●	●	●
Temperature zone control	●	●	●
Car air purifier	●	●	●
In-car PM2.5 filter device	●	●	●
negative ion generator	●	●	●
Car fragrance device	●	●	●
Optional package			
	Pirelli P Zero customized high-performance tires for electric vehicles (5800) Nappa perforated first-layer premium leather seats (16000) Full-featured package (36800)	20-inch sharp contrasting sports rims (8500) Nappa perforated first-layer premium leather seats (16000) Selected German Bavarian semi-aniline leather seats (32000) Full-featured package (36800)	Nappa perforated top-level premium leather seats (16,000) Selected German Bavarian semi-aniline leather seats (32,000) Full-featured package (36,800)
Exterior color	Pissarro white, Raphael tea, Rembrandt gray, Cezanne black, Diana white, Morandi gray	Rembrandt gray, Pissarro white, Raphael tea, Cézanne black	Morandi gray, Cezanne black

interior color	Chasing black in the secret realm, chasing brown on rock grinding, black, plain dyeing chasing light	Plain dye chasing light, secret realm chasing black, rock grinding looking for brown, black	black
Note: ● Standard ○ Optional - None			