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BMW i7 M70L configuration table

BMW i7 2023 M70L

Basic parameters

Manufacturer	BMW (imported)
level	large car
Energy type	pure electric
time to market	2023.08
CLTC pure electric cruising range (km)	610
Fast charging time (hours)	0.57
Slow charging time (hours)	5.5
Fast charging percentage	10-80
Maximum power(kW)	545
Maximum torque (N · m)	1100
Motor(Ps)	741
Length*width*height (mm)	5391*1950*1548
Body structure	4-door, 5-seat sedan
Maximum speed (km/h)	250
Official 0-100km/h acceleration (s)	3.7
Electric energy equivalent fuel consumption (L/100km)	-
Vehicle warranty	Three years or 100,000 kilometers
First owner warranty policy	-

Body

Length(mm)	5391
Width(mm)	1950
Height(mm)	1548
Wheelbase(mm)	3215
Front wheelbase (mm)	-
Rear wheelbase (mm)	-
Body structure	Sedan
Car door opening method	swing door
Number of doors (number)	4
Number of seats (seats)	5
Trunk volume (L)	500

Drag coefficient (Cd)	0.24
Curb weight (kg)	-
Maximum full load mass (kg)	-
electric motor	
Motor type	Excitation/synchronization
Total motor power (kW)	545
Total motor power (Ps)	741
Total torque of motor (N · m)	1100
Maximum power of front electric motor (kW)	190
Maximum torque of front electric motor (N · m)	-
Maximum power of rear electric motor (kW)	355
Maximum torque of rear electric motor (N · m)	-
Number of drive motors	Dual motor
Motor layout	Front + rear
Battery Type	Ternary lithium battery
Battery cooling method	liquid cooling
CLTC pure electric cruising range (km)	610
Battery energy (kWh)	101.7
Electricity consumption per 100 kilometers (kWh/100km)	19.2
Battery pack warranty	Eight years or 160,000 kilometers
Fast charging function	support
Fast charging time (hours)	0.57
Slow charging time (hours)	5.5
Fast charging capacity(%)	10-80
electric motor	545
gearbox	
Number of gears	1
Gearbox type	fixed ratio gearbox
abbreviation	Electric vehicle single speed gearbox
chassis steering	
Drive mode	Dual motor four-wheel drive
four-wheel drive	Electric four-wheel drive
Center differential structure	-
Front suspension type	Double wishbone independent suspension
rear suspension type	Multi-link independent suspension

Assist type	electric assist
Body structure	Load-bearing
wheel brake	
Front brake type	ventilated disc
rear brake type	ventilated disc
Parking brake type	Electronic parking
Front tire specifications	255/40R21
Rear tire specifications	285/35 R21
Spare tire specifications	none
passive safety	
Main/passenger seat airbag	Main●Deputy●
Front/rear side airbags	before ● after -
Front/rear head airbags (curtain airbags)	before ● after ●
Tire pressure monitoring function	●Tire pressure display
Run-flat tires	-
Seat belt not fastened reminder	●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	● Sports ● Economy ● Standard/Comfortable ● Customized/Personalized
energy recovery system	●
automatic parking	●
Hill assist	●
steep descent	-
Variable suspension function	● Suspension soft and hard adjustment ● Suspension height adjustment
air suspension	●
Magic carpet smart suspension	●
4WD/off-road	
Integral active steering system	●
driving hardware	
Front/rear parking radar	before ● after ●
Driving assistance images	● 360-degree panoramic image
driving function	
cruise system	● Full-speed adaptive cruise
Assisted driving level	● L2
Reverse side warning system	●
satellite navigation system	●
Navigation traffic information display	●
AR real-life navigation	●
Parallel assistance	●
Lane Keeping Assist System	●
Lane centering	●
Road traffic sign recognition	●
Automatic parking	●
Automatic lane change assist	●
Follow the trail and reverse	●
Steering wheel hand off detection	●
Appearance/anti-theft	
Sport appearance package	●
Rim material	● Aluminum alloy
Electric suction door	● The whole car
Automatic opening and closing of car doors	●
Electric trunk	●
induction trunk	●

Central locking in car	●
Key type	● Remote key ● Bluetooth key
Keyless start system	●
Keyless entry function	● The whole car
Remote start function	●
Battery preheating	●
exterior lights	
low beam light source	● LED
high beam light source	● LED
LED daytime running lights	●
Adaptive high and low beam	●
automatic headlight	●
turn headlight	●
car front fog lights	-
Headlight height adjustable	●
Delayed turn off of headlights	●
skylight/glass	
Skylight type	● The panoramic sunroof cannot be opened
starry sky window	●
Front/rear electric windows	before ● after ●
One-touch window lifting function	● The whole car
Window anti-pinch function	●
Multilayer soundproof glass	● The whole car
Rear windshield sunshade	●
Rear side window sunshades	● Electric
Car vanity mirror	● Main driver + lighting ● Co-pilot + lighting
rear wiper	-
Sensing wiper function	● Rain sensor type
exterior rearview mirror	
Exterior rearview mirror function	● Electric adjustment ● Electric folding ● Rearview mirror memory ● Rearview mirror heating ● Automatic flip down when reversing ● Automatic folding when locking the car ● Automatic anti-dazzle
screen/system	
Central control color screen	● Touch LCD screen
Central control screen size	● 14.9 inches
Bluetooth/car phone	●
Mobile phone interconnection/mapping	● Support CarPlay

Voice recognition control system	●Multimedia system ●Navigation ●Telephone ●Air conditioning
gesture control	●
Vehicle intelligent system	●iDrive
car tv	●
rear LCD screen	●
Rear LCD screen size	●31.3 inches
Rear seat control multimedia	●
Intelligent configuration	
Internet of Vehicles	●
4G/5G network	●5G
OTA upgrade	●
Wi-Fi hotspot	●
Mobile APP remote function	●Door control ●Vehicle start ●Air conditioning control ●Vehicle condition inquiry/diagnosis ●Vehicle positioning/car search
simulated sound	●
Steering wheel/interior rearview mirror	
Steering wheel material	●Genuine leather
Steering wheel position adjustment	●Electric up and down + front and rear adjustment
Shift pattern	●Electronic gear shift
Multifunction steering wheel	●
steering wheel gear shift	-
Steering wheel heating	●
steering wheel memory	●
Trip computer display screen	●Color
Full LCD instrument panel	●
LCD instrument size	●12.3 inches
HUD heads up digital display	●
Interior rearview mirror function	●Automatic anti-dazzle
ETC device	○
Charging in car	
Multimedia/charging interface	●HDMI ●Type-C
Number of USB/Type-C interfaces	●2 in the front row/4 in the back row
Mobile phone wireless charging function	●Front row ●Back row
Seat configuration	

seat material	●Genuine leather○Leather/fabric mix and match
Main seat adjustment method	●Front and back adjustment ● Backrest adjustment ● Height adjustment (4-way) ● Leg rest adjustment ●Waist support (4-way)
Secondary seat adjustment method	●Front and back adjustment ● Backrest adjustment ● Height adjustment (4-way) ● Leg rest adjustment ●Waist support (4-way)
Main/passenger seat electric adjustment	Main●Deputy●
Front seat functions	● Heating ● Ventilation ● Massage
Power seat memory function	●Driver's seat ● Passenger's seat ● Rear seat
Adjustable buttons for the passenger seat and rear row	●
Second row seat adjustment	●Front and back adjustment ● Backrest adjustment ● Height adjustment ●Waist adjustment ● Leg rest adjustment
Electrically adjustable second row seats	●
Second row seat functions	● Heating ● Ventilation ● Massage
Rear seats fold down	-
Front/rear center armrest	before ● after ●
Rear cup holder	●
Audio/interior lighting	
Speaker brand name	● Bowers & Wilkins
Number of speakers	● 36 speakers
touch reading light	●
Car interior ambient lighting	● Multicolor
Air conditioner/refrigerator	
Air conditioning temperature control method	● Automatic air conditioning
Independent air conditioning in the rear	●
Rear seat air outlet	●
Temperature zone control	●
Car air purifier	-
In-car PM2.5 filter device	●
Optional package	
M Performance Edition Sports Package	

Exterior color	Frosted pure gray, sapphire blue, tourmaline gray, Brooklyn gray, tanzanite blue, frosted dark gray, carbon black, rock gray, ore white, frosted tanzanite blue, aventurine red
interior color	
Note: ●Standard○Optional-None	