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### Volvo EM90 configuration sheet

Volvo EM90 2025 Ultra six-seater

#### Basic parameters

Manufacturer level	Volvo Asia Pacific Medium and large MPV
Energy type	pure electric
time to market	2023.11
CLTC pure electric cruising range (km)	738
Fast charging time (hours)	0.47
Slow charging time (hours)	-
Fast charging percentage	10-80
Maximum power (kW)	200
Maximum torque (N·m)	343
Motor (Ps)	272
Length*width*height (mm)	5206*2024*1859
Body structure	5-door, 6-seater MPV
Maximum speed (km/h)	180
Official 0-100km/h acceleration (s)	8.3
Vehicle warranty	Six years with no limit on kilometers
First owner warranty policy	Unlimited years/unlimited mileage (the liability exemption clause shall be subject to the official)
<b>Body</b>	
Length (mm)	5206
Width (mm)	2024
Height (mm)	1859
Wheelbase (mm)	3205
Front wheelbase (mm)	1702
Rear wheelbase (mm)	1714
Approach angle (°)	14
Departure angle (°)	18
Body structure	MPV
Car door opening method	Swing door + sliding door
Number of doors (number)	5
Number of seats (seats)	6
Trunk volume (L)	342-1826
Curb weight (kg)	2763

Maximum full load mass (kg)	3245
<b>Electric motor</b>	
Motor type	Permanent magnet/synchronous
Total motor power (kW)	200
Total motor power (Ps)	272
Total torque of motor (N·m)	343
Maximum power of rear electric motor (kW)	200
Maximum torque of rear electric motor (N·m)	343
Number of drive motors	single motor
Motor layout	rear
Battery Type	Ternary lithium battery
Battery brand	Ningde era
Battery cooling method	liquid cooling
CLTC pure electric cruising range (km)	738
Battery energy (kWh)	116
Electricity consumption per 100 kilometers (kWh/100km)	17.2
Battery pack warranty	Eight years or 160,000 kilometers
Fast charging function	support
Fast charging time (hours)	0.47
Slow charging time (hours)	-
Fast charging capacity (%)	10-80
electric motor	200
<b>Gearbox</b>	
Number of gears	1
Gearbox type	fixed ratio gearbox
abbreviation	Electric vehicle single speed gearbox
<b>Chassis steering</b>	
Drive mode	rear wheel drive
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
<b>Wheel brake</b>	
Front brake type	ventilated disc
rear brake type	ventilated disc
Parking brake type	Electronic parking
Front tire specifications	255/50 R19

Rear tire specifications	255/50 R19
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	●
rear collision warning	●
Low speed warning	●
Built-in driving recorder	●
roadside assistance call	●
Driving control	
Driving mode switch	●Sports ●Economy ●Standard/Comfortable ●Snow ● Customized/Personalized
Single pedal mode	●
energy recovery system	●
automatic parking	●
Hill assist	●

steep descent	●
Variable suspension function	●Suspension soft and hard adjustment ●Suspension height adjustment
air suspension	●
Electromagnetic induction suspension	●
Driving hardware	
Front/rear parking radar	before ● after ●
Driving assistance images	●360-degree panoramic image
Transparent chassis/540 degree image	●
Assisted driving chip	●Dual Mobileye EyeQ5H
Number of cameras	●14 pieces
Number of cameras in the car	●2 pieces
Ultrasonic radar quantity	●12 pieces
Millimeter wave radar quantity	●1 piece
Driving function	
cruise system	●Full-speed adaptive cruise
Assisted driving system	●Pilot Assist
Assisted driving level	●L2
Reverse side warning system	●
satellite navigation system	●
Navigation traffic information display	●
map brand	●Gaode
HD map	●
Parallel assistance	●
Lane Keeping Assist System	●
Lane centering	●
Road traffic sign recognition	●
Automatic parking	●
remote control parking	●
Automatic lane change assist	●
Appearance/Anti-theft	
Rim material	●Aluminum alloy
Electric suction door	●Front row
Side sliding door form	●Bilateral electric
Electric trunk	●
induction trunk	●

Electric trunk position memory	●
Central locking in car	●
Key type	●Remote key ●NFC/RFID key ●UWB digital key
Keyless start system	●
Keyless entry function	●The whole car
Active closing air intake grille	●
Remote start function	●
Battery preheating	●
external discharge	●
<b>Exterior lights</b>	
Low beam light source	●LED
high beam light source	●LED
Lighting features	●Matrix
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	●
<b>Skylight/Glass</b>	
Skylight type	●Segmented non-openable skylight
Front/rear electric windows	before ● after ●
One-touch window lifting function	●The whole car
Window anti-pinch function	●
Multilayer soundproof glass	●Front row ●Back row
Rear side privacy glass	●
Car vanity mirror	●Main driver + lighting ●Co-pilot + lighting
rear wiper	●
Sensing wiper function	●Rain sensor type
<b>Exterior rearview mirror</b>	
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
<b>Screen/System</b>	
Central control color screen	●Touch LCD screen
Central control screen size	●15.4 inches

Bluetooth/car phone	●
Mobile phone interconnection/mapping	●
Voice recognition control system	●Multimedia system ●Navigation ●Telephone ●Air conditioning ●Window
face recognition	●
Vehicle smart chip	●Qualcomm Snapdragon 8155
rear LCD screen	●
Rear LCD screen size	●15.6 inches
Rear seat control multimedia	●
Touch screen vibration feedback	●
Voice wake word free	●
Voice area wake-up recognition	●Six areas
Speech continuous recognition	●
It can be said that it is visible	●
<b>Intelligent configuration</b>	
Internet of Vehicles	●
4G/5G network	●5G
OTA upgrade	●
Wi-Fi hotspot	●
Mobile APP remote function	● Door control ● Window control ● Charging management ● 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
Active noise reduction	●
<b>Steering wheel/Interior rearview mirror</b>	
Steering wheel material	●Genuine leather
Steering wheel position adjustment	●Manual 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	●10.25 inches

Interior rearview mirror function	●Automatic anti-dazzle
Charging in car	
Multimedia/charging interface	●USB ●HDMI ●Type-C
Number of USB/Type-C interfaces	●2 people in the front row/5 people in the back row
Mobile phone wireless charging function	●Front row
Mobile phone wireless charging power	●15W
Luggage compartment 12V power interface	●
Seat configuration	
seat material	○Fabric ●Genuine leather
Main seat adjustment method	●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 (4-way)
Main/passenger seat electric adjustment	Main●Deputy●
Front seat functions	●Heating ●Ventilation ●Massage (driver's seat only)
Power seat memory function	●Driving seat ●Rear seat
Adjustable buttons for the passenger seat and rear row	●
Second row seat adjustment	●Fore and aft adjustment ●Backrest adjustment ●Leg rest adjustment
Electrically adjustable second row seats	●
Second row seat functions	●Heating ●Ventilation ●Massage
Rear small table	●
Second row independent seats	●
Third row seat adjustment	●Backrest adjustment
Seat layout	●2-2-2
Rear seats fold down	●Inverted proportions
Front/rear center armrest	before ● after ●
Rear cup holder	●
Audio/Interior lighting	
Speaker brand name	●Bowers & Wilkins
Number of speakers	●21 speakers
Car interior ambient lighting	●Multicolor
Air conditioner/Refrigerator	

Air conditioning temperature control method	●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	●
Optional package	
Exterior color	Gilt sand, sea gray, agate black, crystal white
interior color	black/light color, black
Note: ●Standard ○ Optional - None	