



All-new INSTER

Technical, Specifications and Pricing
Model Year 25

All-new INSTER



Technical

	42kWh Standard Range	49kWh Long Range
ELECTRIC MOTOR		
Electric Motor Type	Permanent Magnet Synchronous Motor (PMSM)	Permanent Magnet Synchronous Motor (PMSM)
Electric Motor Max Power (PS/kW)	97 / 71.1 (PS/KW)	115 / 85.5 (PS/KW)
Electric Motor Torque (Nm/lbs ft)	147 / 108 (Nm/lbs ft)	147 / 108 (Nm/lbs ft)
0-62mph (seconds)	11.7	10.6
Top Speed (mph)	87	93
HIGH VOLTAGE BATTERY		
Battery Type	Lithium-ion Polymer	Lithium-ion Polymer
Battery Power (kW)	85.4	96.5
Battery Capacity (kWh/Ah)	42 / 158	49 / 158
Voltage	266	310
CHARGING		
Charging Port	CCS Combo / Type 2	CCS Combo / Type 2
Estimated Charging Emergency 3 Pin Connector (ICCB) 2.3kW (10-100%)	TBC	TBC
Estimated Charging Wallbox 7.4kW single phase (10-100%)	TBC	TBC
Estimated Charging Wallbox 11kW 3 phase (10-100%)	4hr 0m	4hr 35m
Estimated Public 50kW CCS (10-80%)	58min	58min
Estimated Public 150kW CCS (10-80%)	30min @ 73kW max	30min @ 85kW max
On Board Charger (kW)	10.5	10.5
SUSPENSION		
Front	MacPherson Strut Type	MacPherson Strut Type
Rear	CTBA (Coupled Torsion Beam Axle)	CTBA (Coupled Torsion Beam Axle)
STEERING		
System	Motor Driven Power Steering (C-MDPS)	Motor Driven Power Steering (C-MDPS)
Steering Wheel Lock to Lock Turns	2.58	2.58
Turning Circle (metres)	10.6	10.6
BRAKE		
System	Power Assisted Braking System with ABS and EBD	Power Assisted Braking System with ABS and EBD
Front	Ventilated Disc	Ventilated Disc
Rear	Solid Disc	Solid Disc
DIMENSIONS		
Overall Length (mm)	3825	3825
Overall Width (mm) (Excluding Door Mirrors)	1610	1610
Overall Width (mm) (Including Door Mirrors)	TBC	TBC
Wheelbase (mm)	2580	2580

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WEIGHT AND CAPACITY		
Kerb Weight (kg)	1305-1393	1335-1423
Payload (kg)	425-337	410-322
Gross Vehicle Weight (kg)	1730	1745
Noseweight (kg)	75	75
Max Roof Weight (kg)	75	75
Max Tow Weight (kg) - Braked	0	0
Max Tow Weight (kg) - Unbraked	0	0
Gross Train Weight (kg)	1880	1895
INSTER 01		
Front Tyre	185/65 R15	185/65 R15
Rear Tyre	185/65 R15	185/65 R15
Front Wheel	5.5J x 15	5.5J x 15
Rear Wheel	5.5J x 15	5.5J x 15
Front Track	1414	1414
Rear Track	1425	1425
Overall Height (mm)	1575	1575
Luggage Capacity VDA (litres) - Seats Up	280	280
Luggage Capacity VDA (litres) - Seats Down	1059	1059
CO ₂ Emissions (g/km)	0	0
Maximum Potential EV Driving Range - Miles (Km)	203 (327)*	229 (370)*
Electric Driving Efficiency (kWh per 100Km)	14.3*	14.9*
INSTER 02		
Front Tyre	-	205/45 R17
Rear Tyre	-	205/45 R17
Front Wheel	-	6.5J x 17
Rear Wheel	-	6.5J x 17
Front Track	-	1402
Rear Track	-	1414
Overall Height (mm)	-	1610
Luggage Capacity VDA (litres) - Seats Up	-	238-351
Luggage Capacity VDA (litres) - Seats Down	-	1059
CO ₂ Emissions (g/km)	-	0
Maximum Potential EV Driving Range - Miles (Km)	-	223 (360)*
Electric Driving Efficiency (kWh per 100Km)	-	15.1*

*Maximum range according to WLTP combined cycle. Actual range will vary depending on factors including road conditions, outdoor temperature, driving style, use of climate control and battery condition. Quoted figures are tentative and subject to change, pending Whole Vehicle Type Approval.

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Specifications



	INSTER 01	INSTER 02
POWERTRAIN		
42kWh Battery 97PS / 71.1kW Motor	•	-
49kWh Battery 115PS / 85.5kW Motor	○	•
EXTERIOR		
15" Alloy Wheels	•	-
17" Alloy Wheels		•
Door Mirrors - Body Coloured	•	•
Exterior Door Handles - Body Coloured	•	•
Rear Spoiler with Integrated Brake Light	•	•
Roof Rails	-	•
Wheel Arch Inserts - Black	•	•
INTERIOR STYLING		
Interior Door Handles - Metal Paint Effect	-	•
Leather Wrapped Steering Wheel	•	•
SEATING		
4 Seats	•	•
Adjustable Head Restraints	•	•
Driver's Seat Height Adjustment (Manual)	•	•
Front Seats - Heated	-	•
Head Restraints -Vertical Adjustment (Rear)	•	•
Rear Occupant Alert	•	•
Rear Seats - Split Folding (50/50)	•	•
Rear Seats - Reclining	-	•
Rear seats - Sliding	-	•
Seat Trim - Cloth	•	•
VENTILATION & VISIBILITY		
Air Conditioning - Climate Control Single Zone	•	•
Ambient Lighting - Interior	-	•
Automatic Dimming Rear View Mirror	-	•
Automatic Headlights with Dusk Sensor	•	•
Automatic Windscreen Wipers with Rain Sensor	•	•
Daytime Running Lights - LED	•	•
Headlights - Halogen MFR	•	-
Headlights - Full Projection LED	-	•

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Specifications



	INSTER 01	INSTER 02
VENTILATION & VISIBILITY – continued		
Indicator Lights - Door Mirror	•	•
Interior Light - Front Bulb Type	•	-
Interior Light - Front LED	-	•
Interior Light - Centre Bulb Type	•	-
Interior Light - Centre LED	-	•
Interior Light - Luggage Compartment Bulb Type	•	-
Interior Light - Luggage Compartment LED	-	•
Privacy Glass - Rear Windows and Tailgate	-	•
Rear Lights - Bulb Type	•	-
Rear Lights - LED	-	•
Windscreen Auto Defog Function	•	•
CONVENIENCE		
12V Power Outlet - Front	•	•
Charging cable - Emergency 3 Pin Connector Mode 2 (ICCB)	•	•
Charging cable - 7 Pin Type 2 Mode 3 (Wallbox)	•	•
Cruise Control - Smart Cruise Control (SCC) with Stop and Go Function	•	•
Door Mirrors - Electric Adjustment and Heated with Power Folding Function	•	•
Electric Windows - Front and Rear	•	•
Electric Windows - Front with Anti-Trap Mechanism and One Touch Control	-	•
Floor Mats	•	•
Front Seat Back Panel (Driver)	-	•
Heated Steering Wheel	-	•
Heat Pump & Battery Heater	•	•
Luggage Board	•	•
Luggage Shelf	•	•
Parking Brake - Electric	•	•
Parking Sensors - Rear	•	-
Parking Sensors - Front and Rear	-	•
Parking System - Rear Camera and Guidance System	•	○
Shift by Wire (SBW) - Column Mounted Shifter	•	•

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Specifications



	INSTER 01	INSTER 02
CONVENIENCE – continued		
Smart Key - Keyless Entry with Start/Stop Button	•	•
Steering Column - Height and Reach Adjustable	•	•
Sun Visor - with Vanity Mirror (Driver)	•	•
Sun Visor - with Illuminated Vanity Mirror (Driver and Passenger)	-	•
Temporary Mobility Kit	•	•
Trailer Wiring Package	•	•
TECHNOLOGY & ENTERTAINMENT		
Bluetooth® Connectivity with Voice Recognition	•	•
Driver's Supervision Instrument Cluster with 10.25" LCD Display	•	•
Navigation Infotainment - 10.25" Touchscreen with Navigation	•	•
Radio - Digital DAB	•	•
Smartphone Integration - Apple CarPlay™ and Android Auto™	•	•
Speakers - Front and Rear	•	•
Speakers - Tweeters	-	•
Steering Wheel Audio, Phone and Cruise Controls	•	•
USB Port - Front (C Type)	•	•
USB Charger - Front (C Type)	•	•
USB Charger - Rear (C Type)	-	•
Wireless Phone Charging Pad	-	•
SAFETY & SECURITY		
Airbags - Front, Front Side and Curtain	•	•
Anti-lock Brake System (ABS)	•	•
Central Locking - Remote Control	•	•
Driver Status Monitor - In Cabin Camera (ICC)	•	•
eCall	•	•
Electronic Stability Control (ESC)	•	•
Forward Collision Avoidance Assist (FCA 1.5) - Car, Pedestrian, Cycle and Junction Turning	•	•
Highway Drive Assist (1.5)	•	•
Hill-start Assist Control (HAC)	•	•
Immobiliser	•	•
Intelligent Speed Limit Assist (ISLA)	•	•
Lane Keep Assist (LKA)	•	•
Lane Follow Assist (LFA)	•	•
Tyre Pressure Monitoring System (TPMS)	•	•

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Specifications



	INSTER 01	INSTER 02
CUSTOMER OPTIONS		
Special Solid (Atlas White)	○	○
Metallic / Pearl / Matte / Special Paint	○	○
Two Tone Roof	-	○
Tech Pack: V2L (Internal 3 pin plug 230V 3.6kW) and Digital Key 2 Touch (NFC Type†)	-	○
WARRANTY		
12 Years Anti-Perforation Warranty	●	●
Eight Year 100,000 High Voltage Battery Warranty	●	●
Five Year Annual Vehicle Health Checks	●	●
Five Year Unlimited Mileage Warranty	●	●
Hyundai Roadside Assistance	●	●
SUBSCRIPTIONS		
Bluelink Connected Car Services†	●	●

†Compatible Smartphone, Bluelink App and active subscription required.

‡10-year subscription to Bluelink® Lite, Hyundai's connected app which provides connected routing, online voice recognition, dedicated EV routing and POI's, status updates and over-the-air updates to vehicle systems. In addition to the 10-year subscription, a 6-months complimentary subscription to Bluelink® PLUS with Live and remote services, and Bluelink® PRO, which adds music streaming map and infotainment OTA updates.

KEY

- Standard
- Optional
- Not Available

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MY25 Pricing - Effective from 3rd October 2024.

TRIM	FUEL TYPE	CO2 EMISSIONS (WLTP)	INSURANCE GROUP(1-50)	VED BAND	VED TYPE	VED £	BASIC RETAIL PRICE £	VAT £	RETAIL PRICE £	RECOMMENDED ON THE ROAD PRICE £	P11D VALUE £	BIK TAX % 2024/25	MONTHLY BIK PAYABLE AT 20%	MONTHLY BIK PAYABLE AT 40%
INSTER 01 42kWh MY25	Battery Electric	0	TBC	A	AFV	£0	18,929.17	3,785.83	22,715.00	23,495.00	23,440.00	2%	7.81	15.63
INSTER 01 49kWh MY25	Battery Electric	0	TBC	A	AFV	£0	20,220.83	4,044.17	24,265.00	25,045.00	24,990.00	2%	8.33	16.66
INSTER 02 49kWh MY25	Battery Electric	0	TBC	A	AFV	£0	21,637.50	4,327.50	25,965.00	26,745.00	26,690.00	2%	8.90	17.79
INSTER 02 49kWh + Tech Pack MY25	Battery Electric	0	TBC	A	AFV	£0	22,054.17	4,410.83	26,465.00	27,245.00	27,190.00	2%	9.06	18.13
INSTER 02 49kWh + Two Tone Roof MY25	Battery Electric	0	TBC	A	AFV	£0	22,054.17	4,410.83	26,465.00	27,245.00	27,190.00	2%	9.06	18.13
INSTER 02 49kWh + Tech Pack + Two Tone Roof MY25	Battery Electric	0	TBC	A	AFV	£0	22,470.83	4,494.17	26,965.00	27,745.00	27,690.00	2%	9.23	18.46

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Pricing



OPTIONAL EXTRAS	VARIANT	BASIC RETAIL PRICE	VAT	RETAIL PRICE
Special Solid Paint (Atlas White)	All	£250.00	£50.00	£300.00
Special Paint (Jungle Khaki Solid)	All	£500.00	£100.00	£600.00
Metallic / Pearl Paint	All	£500.00	£100.00	£600.00
Matte Paint	All	£666.67	£133.33	£800.00
Two Tone Roof	INSTER 02	£416.67	£83.33	£500.00
Tech Pack (Digital Key 2 Touch, Internal V2L 3 pin plug)	INSTER 02	£416.67	£83.33	£500.00