

MASTER CHANGAN MOTORS LIMITED
SPEC SHEET OF AVATR 07

VEHICLE	AVATR 07 Max RWD	AVATR 07 Ultra AWD
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Dimensions			
Exterior	L x W x H (mm)	4825 x 1980 x 1620	
Wheelbase	(mm)	2,940	
Overhang	Front (mm) / Rear (mm)	902 / 983	
Min. Ground Clearance	(mm)	166	155
Number of Seats		5	
Kerb weight (kg)		2,290	2,420

Performance			
Drivetrain		Rear-Wheel Drive (RWD)	All-Wheel Drive (AWD)
Electric Driving Range	NEDC (km)	575	545
0-100 km/h acceleration time (s)		≤6.8	≤3.9
No. of Drive Motors		Single	Dual
Motor Type	Front Rear	- Permanent Magnet Synchronous Motor	Asynchronous AC Motor Permanent Magnet Synchronous Motor
Drive Modes		Eco / Comfort / Sport / Custom	
Maximum Speed	(km/h)	200	

Powertrain			
Powertrain Type		Battery Electric (BEV)	
EV Architecture		Full-stack 800V SiC platform	
Battery Type		Lithium Iron Phosphate (LFP)	
Total Battery Capacity	(kWh)	82.16	
Electric motor power (kW)	Front / Rear	- / 252	188 / 252
Electric motor torque (N.m)	Front / Rear	- / 365	280 / 365
Maximum Total Output Power	(kW / HP)	252 / 338	440 / 590
Maximum Total Output Torque	(N.m)	365	645
Maximum Supported DC Charging Power	(kW)	420	
Maximum Supported AC Charging Power	(kW)	6.6	
DC Fast Charging 30-80% SOC ¹	(min)	10	
Battery Pre-Heating		•	
V2L Power Output ²	(kW)	3.3	

Chassis System			
Suspension Type	Front Rear	Double wishbone suspension Multi-Link Suspension	
Magnesium-Aluminium Alloy Suspension		•	
Air Suspension with Automatic Leveling		—	•
Continuous Damping Control (CDC)		—	•
Comfort Brake System (iCST)		•	
Brake Type	Front / Rear	Ventilated Disc / Solid Disc	
Brake Caliper Type	Front & Rear	Floating	
Wheels & Tyres	255/50 R20 tyres with 20" Agile Wheels	•	—
	265/45 R21 tyres with 21" Avant-Garde Wheels	—	•

Exterior			
LED Daytime Running Lights		•	•
Dynamic Welcome Lighting		•	•
Headlight	Type	AVATR Star-Trail LED	AVATR Star-Trail LED
	Height Adjust	Manual	Manual
	System	Smart (Auto Operate & Delayed-Off)	Smart (Auto Operate & Delayed-Off)
	Auto High / Low Beam	•	•
	Off on Lock	•	•
LED Turn Signal Lamp		•	•
LED Rear Combination Lamp		• (Star-ring tail lamp)	• (Star-ring tail lamp)
LED Center High-Mount Lamp		•	•
LED Rear Fog Lamp		•	•
Tow Hook	Front	•	•
Electric Tailgate With Anti-Pinch Function		•	•
Large Capacity Front Trunk		•	•
Frameless Doors		•	•
Automatic Concealed Door Handles		•	•
Window Trim		Black	Black

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Active Air Intake Grille		•	•
Panoramic Glass Roof with Power Sunshade		•	•
Laminated Sound Insulating Front Windshield		•	•
Laminated Sound Insulating Front Windows		•	•
Rain-sensing Front Wipers		•	•
Rear Door & Rear Windshield Privacy Glass		•	•
Electric Adjustable Exterior Mirrors With Memory		•	•
Exterior Mirror Reverse Tilt Assist With Auto-Folding, Heating & Defogging		•	•
Electric Charging Port Cover		•	•
Interior			
Doorsill Scuff Plate & Footwell Lights	Front	•	•
Trunk Lights	Rear Trunk	•	•
Surround Ambient Lighting		Dynamic 64 Colours + Adj. Brightness + Welcome/Farewell Modes + Flowing Effect + Personalization + Responds to Music	
Steering	Material	Microfiber PU Leather	
	Adjustment	4-direction electric adjustment with memory	
	Hands-off detection (HOD)	•	
	Type	EPS Servotronic with User-Adjustment	
Steering Column Gear Shift		•	•
Glove Box		•	•
Sun Visor		D + P + Mirror w/Ring Light	D + P + Mirror w/Ring Light
50W smartphone wireless charging		1 (Front)	1 (Front)
12 V Power Supply		1 (Trunk)	
USB Ports		Front : Type-A 1 (10w + Data), Type-C: 1 (27w) Rear : Type-C 1 (18w)	
Rear-View Mirror		Frameless with Auto-Dimming	
Active Sound Design System		•	•
LED Reading Lights	Front & Rear	•	•
Seat System			
Seat material		NAPPA Leather	
Front seats with electric adjustment		14 directions (Seat + Leg-Rest + Lumbar)	
Front Seat Headrest Adjustment & Seat Tablet Holder Port		•	•
Dual Front Zero-Gravity Seats (One-touch)		•	•
Front seats memory		•	•
Seat Massage (3-Levels, 5-Modes)		Front Seats	
Driver & Passenger seat easy entry & exit		•	•
Seat Heating (3-Levels)		Front and Rear Seats	
Seat Ventilation (3-Levels)		Front Seats	
Rear Seats Layout		3-Seat	
Rear Seats Backrest Adjustment		Electric	
Rear Seats with 60/40 folding		•	
Boss Key		•	
Rear foldable center armrest with controls		•	
Back Storage Pocket		•	•
ISOFIX child safety seat interface		•	•
Air Conditioning System			
Dual zone automatic air conditioning system		•	•
Front concealed electric AC vents		•	•
Front windshield auto defrosting		•	•
Rear AC vents		•	•
Intelligent fragrance system		—	•
Audio System			
Sound system		Pioneer Audio System with 7.1 Channels	Meridian Luxury Audio System with 7.1.4 Channels
Speakers		16	25
Features		—	Sound Effects: RE-Q, Digital Precision, Horizon, Perfect Balance, True time, Intelli-Q
Driver headrest speakers with independent sound field		•	•
Power Amplifier		1	1 (2,016W)
Intelligent Cabin System			
35.4 inch 4K Panoramic Screen (Band Screen)		•	•

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15.6 Inch Intelligent Central Touchscreen		•	•
Infotainment Inputs / Features		Multi-Screen Interaction (Central Screen via AVATR Link App), Wireless Apple Carplay & Android Auto, Intelligent 4-Zone Voice Interaction & Control, Online Navigation, Spotify, Radio, USB, Bluetooth & In-Car App Mall	
Intelligent Scenario Modes		•	•
APP Remote Vehicle Control		•	•
Smartphone Bluetooth Key		•	•
Driving Video Recorder (DVR)		•	•
OTA Online Upgrade		•	•
Safety			
Front Airbags		D + P	
Front Side Airbags		D + P	
Rear Side Airbags		L + R	
Side Curtain Airbags		•	
Front Middle Airbag		•	
Seat-Belts	Front Seats	3-point ELR x 2 + Pre-Tensioner + Force-Limiter with Reminder (Visual + Sound)	
	Rear Seats	3-point ELR x 2 + Pre-Tensioner + Force-Limiter with Reminder (Visual + Sound)	
	Rear-Center Seat	•	
Auto Speed Door Lock		•	
Anti-Theft System		•	
Anti-lock Brake System (ABS) with Brake Assist (BA)		•	•
Electronic Brake Force Distribution System (EBD)		•	•
Electronic Stability Program (ESP)		•	•
Traction Control System (TCS)		•	•
Hill Hold Control (HHC)		•	•
Hill Descent Control (HDC)		•	•
Dynamic Brake Function (DBF)		•	•
Rollover Mitigation System (ROM)		•	•
Electronic Parking Brake (EPB)		•	•
Autohold	Without push-button switch	•	•
Tire Pressure Monitoring System (TPMS)		•	•
Acoustic Vehicle Alerting System		•	•
Child Safety Lock	Electronic	•	•
Intelligent Driving Safety and Assistance			
Millimeter-wave radar		1	
Ultrasonic radar		12	
Exterior HD camera		11	
Intelligent U-Turn Assist		—	•
Forward Collision Warning (FCW)		•	•
Safe Distance Warning		•	•
Automatic Emergency Braking (AEB)		•	•
Front Cross Traffic Alert (FCTA)		•	•
Rear Collision Warning (RCW)		•	•
Rear Cross Traffic Alert (RCTA)		•	•
Door Opening Warning (DOW)		•	•
Lane Departure Warning (LDW)		•	•
Blind Spot Detection (BSD)		•	•
Intelligent Pilot System			
Adaptive Cruise Control (ACC)		Cruise control, vehicle-following control, stop-and-go control, Vertical obstacle avoidance	
Integrated Adaptive Cruise Control (IACC)		Lane Centering Control (LCC)	
Reverse Auto Driving System (RADS)		•	•
Intelligent Parking Assist System			
360° HD Panoramic View		•	•
Transparent chassis		•	•
Automatic Parking Assistance (APA)		•	•
Remote Smart Ingress and Outgress (RSIO)		•	•
Remote Parking Assist (RPA)		•	•
Exterior Body Colour			
Damson Metallic		•	
Andes Gray		•	
Mineral Rock Black		•	
Cotton White		•	
Interior Theme			
Glacier Caramel		•	

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Tinted Shadow		•

1. At 420kW DC Fast Charging. Data is based on announced or engineering development simulation values, which may be affected by weather, road condition, battery SOC, load, tire and other test factors, and is used for reference only.
2. V2L accessory plug can be purchased separately at dealership.