

ICAR O3



**BORN
TO PLAY**



RM129,880*

*OTR price without insurance

Basic Parameters

Vehicle Type	Battery Electric Vehicle (BEV)
Length (mm)	4406
Width (mm)	1910
Height (mm)	1715
Wheelbase (mm)	2715
Minimum Ground Clearance (mm) Laden	170
Minimum Ground Clearance (mm) Unladen	195
Water Wading (mm)	450
Turning Radius (m)	5.7
Approach Angle (°) Unladen	28
Departure Angle (°) Unladen	32
Maximum Gradeability (%)	55
Kerb Weight (kg)	1874
Gross Weight (kg)	2254
Rear Boot Capacity (L) - 5 Seater	450
Rear Boot Capacity (L) - 2 Seater	1,238
Rear Box Capacity (L)	40

Performance

Powertrain	Electric Drive System
Drivetrain	Intelligent All Wheel Drive
Motor Type	Permanent Magnet Synchronous Motor
Drive Motor	Dual Motor
Driving Modes	10
Front Motor Max Power (kW)	70
Front Motor Max Power (PS)	95
Front Motor Max Power (hp)	94
Front Motor Max Torque (Nm)	165
Rear Motor Max Power (kW)	135
Rear Motor Max Power (PS)	184
Rear Motor Max Power (hp)	181
Rear Motor Max Torque (Nm)	220
Max Power (kW)	205
Max Power (PS)	279
Max Power (hp)	275
Max Torque (Nm)	385
0-100km/h (sec)	6.5
Max Speed (km/h)	150

Safety & Security

Front Airbags (Driver and Front Passenger)	•
Front Side Airbags (Driver and Front Passenger)	•
Side Curtain Airbags (Front and Rear)	•
Front Pre-tensioner Seat Belts	•
Rear ISOFIX Child Seat Mounting Points	•
Around View Monitor (AVM)	540° 3D Full HD
Driving Video Recorder (DVR)	360° Full HD
Electronic Stability Control (ESC)	•
/ Vehicle Dynamic Control (VDC)	•
Hill Descent Control (HSC)	•
Hill Hold Control (HHC)	•
Comfort Stop Technology (CST)	•
Co-perative Regenerative Braking System (CBRS)	•
Anti-lock Braking System (ABS)	•
Electric Parking Brake (EPB) with Auto Hold	•
Emergency Brake Assist (EBA) / Brake Assist System (BAS)	•
Brake Override System (BOS)	•
Electronic Brakeforce Distribution (EBD)	•
Traction Control System (TCS)	•
Tyre Pressure Monitoring System (TPMS)	•
Advanced Driver Assistance Systems (ADAS)	13
Autonomous Emergency Braking (AEB)	•
Adaptive Cruise Control (ACC)	•
Traffic Jam Assist (TJA)	•
Blind Spot Detection (BSD)	•
Door Opening Warning (DOW)	•
Drive Away Info (DAI)	•
Front Collision Warning (FCW)	•
Emergency Lane Keeping (ELK)	•
Lane Departure Warning (LDW)	•
Lane Departure Prevention (LDP)	•
Lane Change Warning (LCW)	•
Rear Collision Warning (RCW)	•
Rear Cross Traffic Alert (RCTA)	•
Parking Sensors (Front)	4
Parking Sensors (Rear)	4

Chassis

Body Structure (Internal)	Aluminium Monocoque
Suspension (Front)	MacPherson Strut
Suspension (Rear)	H-arm Multilink
Brake (Front)	Ventilated Disc
Brake (Rear)	Solid Disc
Tyre Size	R19 225/55

Battery & Charging

Battery Type	Lithium Iron Phosphate (LFP)
Battery Capacity (kWh)	69.8
Driving Range NEDC (km)	418
Charging Max DC (kW)	80
Charging Max AC (kW)	6.6
Scheduled Charging	•
Vehicle-to-Load (V2L)	•
Regenerative Braking	•

Exterior

LED Headlamps	•
Adaptive High Beam Light	•
Daytime Running Light (DRL)	•
Roof Rails	•
Panoramic Sunroof with Sunshade	•
Retractable Door Handles	•
Electrically Adjustable and Heated Side External Mirrors	•
One Touch Anti Pinch Power Windows	•
Acoustic Front Window Glass	•
Automatic Rain Sensing Windscreen Wiper	•
Rear Wiper	•
Rear Fog Lights	•
Soft Closing Rear Boot	•

Interior

9.2 inch Instrument Cluster	•
15.6 inch Full HD Touchscreen Media Display	•
Column Mounted Gear Selector	•
Multifunction Steering Wheel in Faux Leather	•
Auto Dimming Rear View Mirror	•
Faux Leather Seats	•
Driver Electric Seat	•
Driver Lumbar Support	•
Driver Welcome Seat	•
Driver Memory Seat	•
Driver One-Touch Flat Seat Function	•
Front Passenger Electric Seat	•
Centre Console with Air Vents	•
Atmosphere Rhythmic Ambient Lighting	•
Front Sunvisor Vanity Mirror with Illumination	•
Front Centre Dual Cup Holders	•
Rear Centre Hidden Armrest with Dual Cup Holders	•

Comfort & Convenience

Remote Air Conditioning	•
Keyless Entry and Start	•
Walk-Away Auto Lock	•
Near Field Communication (NFC) Smart Key Card	•
Electronic Door Release (Front & Rear)	4
Front Massage Seats	•
Ventilated Seats (Front & Rear)	4
Rear Air Conditioning Ventilation	•
50W Wireless Mobile Device Charging with Air Vents	•
12 INFINITY® Speakers	•
Intelligent Voice Assistant (Front & Rear)	•
Wireless Apple CarPlay® & Android Auto™ Mobile Connectivity	•
Rest Mode	•
Front USB Port Type A & Type C	•
Rear USB Port Type A & Type C	•
CarLinko Smartphone App	•
Portable Charger (3-pin plug)	•
Tool Kit	•
Tyre Repair Kit	•

Important Notes:

1.Driving range may vary depending on driving style, road conditions, traffic, temperature, and vehicle load.

2.Charging times depend on charger type, battery condition, ambient temperature, and available infrastructure.

3.Smartphone app functions require network coverage and may be subject to data charges.

4.Driver assistance features are intended to support the driver only; the driver remains responsible for safe driving at all times.

5.Apple CarPlay® is a registered trademark of Apple Inc. Android Auto™ is a trademark of Google LLC. Availability may vary by region, and requires a compatible device.

6.Vehicle features, equipment, and specifications are subject to change without prior notice by iCAUR Malaysia.

7.Please consult your authorised iCAUR dealer for the latest information.

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Basic Parameters

Vehicle Type	Battery Electric Vehicle (BEV)
Length (mm)	4,406
Width (mm)	1,910
Height (mm)	1,715
Wheelbase (mm)	2,715
Minimum Ground Clearance (mm) Laden	170
Minimum Ground Clearance (mm) Unladen	195
Water Wading (mm)	450
Turning Radius (m)	5.7
Approach Angle (°) Unladen	28
Departure Angle (°) Unladen	32
Maximum Gradeability (%)	30
Kerb Weight (kg)	1,775
Gross Weight (kg)	2,150
Rear Boot Capacity (L) - 5 Seater	450
Rear Boot Capacity (L) - 2 Seater	1,238
Rear Box Capacity (L)	40

Performance

Powertrain	Electric Drive System
Drivetrain	Rear Wheel Drive (RWD)
Motor Type	Permanent Magnet Synchronous Motor
Drive Motor	Single Motor
Driving Modes	5
Rear Motor Max Power (kW)	135
Rear Motor Max Power (PS)	184
Rear Motor Max Power (hp)	181
Rear Motor Max Torque (Nm)	220
0-100km/h (sec)	10.5
Max Speed (km/h)	150

Safety & Security

Front Airbags (Driver and Front Passenger)	•
Front Side Airbags (Driver and Front Passenger)	•
Side Curtain Airbags (Front and Rear)	•
Front Pre-tensioner Seat Belts	•
Rear ISOFIX Child Seat Mounting Points	•
Around View Monitor (AVM)	540° 3D Full HD
Driving Video Recorder (DVR)	360° Full HD
Electronic Stability Control (ESC)	•
/ Vehicle Dynamic Control (VDC)	•
Hill Descent Control (HSC)	•
Hill Hold Control (HHC)	•
Comfort Stop Technology (CST)	•
Co-perative Regenerative Braking System (CBRS)	•
Anti-lock Braking System (ABS)	•
Electric Parking Brake (EPB) with Auto Hold	•
Emergency Brake Assist (EBA) / Brake Assist System (BAS)	•
Brake Override System (BOS)	•
Electronic Brakeforce Distribution (EBD)	•
Traction Control System (TCS)	•
Tyre Pressure Monitoring System (TPMS)	•
Advanced Driver Assistance Systems (ADAS)	13
Autonomous Emergency Braking (AEB)	•
Adaptive Cruise Control (ACC)	•
Traffic Jam Assist (TJA)	•
Blind Spot Detection (BSD)	•
Door Opening Warning (DOW)	•
Drive Away Info (DAI)	•
Front Collision Warning (FCW)	•
Emergency Lane Keeping (ELK)	•
Lane Departure Warning (LDW)	•
Lane Departure Prevention (LDP)	•
Lane Change Warning (LCW)	•
Rear Collision Warning (RCW)	•
Rear Cross Traffic Alert (RCTA)	•
Parking Sensors (Front)	4
Parking Sensors (Rear)	4

Chassis

Body Structure (Internal)	Aluminium Monocoque
Suspension (Front)	MacPherson Strut
Suspension (Rear)	H-arm Multilink
Brake (Front)	Ventilated Disc
Brake (Rear)	Solid Disc
Tyre Size	R18 225/60

Battery & Charging

Battery Type	Lithium Iron Phosphate (LFP)
Battery Capacity (kWh)	65.7
Driving Range NEDC (km)	426
Charging Max DC (kW)	80
Charging Max AC (kW)	6.6
Scheduled Charging	•
Vehicle-to-Load (V2L)	•
Regenerative Braking	•

Exterior

LED Headlamps	•
Adaptive High Beam Light	•
Daytime Running Light (DRL)	•
Roof Rails	•
Panoramic Sunroof with Sunshade	•
Retractable Door Handles	•
Electrically Adjustable and Heated Side External Mirrors	•
One Touch Anti Pinch Power Windows	•
Acoustic Front Window Glass	•
Automatic Rain Sensing Windscreen Wiper	•
Rear Wiper	•
Rear Fog Lights	•

Interior

9.2 inch Instrument Cluster	•
15.6 inch Full HD Touchscreen Media Display	•
Column Mounted Gear Selector	•
Multifunction Steering Wheel in Faux Leather	•
Auto Dimming Rear View Mirror	•
Faux Leather Seats	•
Driver Electric Seat	•
Driver Lumbar Support	•
Driver Welcome Seat	•
Driver Memory Seat	•
Driver One-Touch Flat Seat Function	•
Front Passenger Electric Seat	•
Centre Console with Air Vents	•
Atmosphere Rhythmic Ambient Lighting	•
Front Sunvisor Vanity Mirror with Illumination	•
Front Centre Dual Cup Holders	•
Rear Centre Hidden Armrest with Dual Cup Holders	•

Comfort & Convenience

Remote Air Conditioning	•
Keyless Entry and Start	•
Walk-Away Auto Lock	•
Near Field Communication (NFC) Smart Key Card	•
Electronic Door Release (Front and Rear)	4
Ventilated Seats (Front and Rear)	4
Rear Air Conditioning Ventilation	•
50W Wireless Mobile Device Charging with Air Vents	•
8 Speakers	•
Intelligent Voice Assistant (Front & Rear)	•
Wireless Apple CarPlay® & Android Auto™ Mobile Connectivity	•
Rest Mode	•
Front USB Port Type A & Type C	•
Rear USB Port Type A & Type C	•
CarLinko Smartphone App	•
Portable Charger (3-pin plug)	•
Tool Kit	•
Tyre Repair Kit	•

Important Notes:

1. Driving range may vary depending on driving style, road conditions, traffic, temperature, and vehicle load.

2. Charging times depend on charger type, battery condition, ambient temperature, and available infrastructure.

3. Smartphone app functions require network coverage and may be subject to data charges.

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INNOVATION



ALUMINIUM UNIBODY
Built stronger, lighter with
anti corrosion protection

ELECTRIC MOTOR
6 in 1 high performance
drive system



LITHIUM IRON PHOSPHATE (LFP)
Battery with built-in armour design for
extra protection



H-ARM MULTILINK
Rear suspension for precise handling
and superior comfort

INTELLIGENCE

ALL WHEEL DRIVE
ALL ROAD CONDITIONS
10 DRIVING MODES*



*Only applicable to the iCAUR 03 iWD variant.

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INTERACTION



360° Driving Video Recorder (DVR)



Near Field Communication (NFC) Smart Key Card



540° Around View Monitor (AVM)



Intelligent Voice Assistant (Front & Rear)

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PREMIUM EXPERIENCE



Ventilated Seats
(Front & Rear)



Front Massage Seats*



Stowable Rear Seats



Electronic Door Release
(Front & Rear)



Rear Storage Box (40L)



12 INFINITY® Speakers*

MAKE IT YOURS

BLACK



GREY*



WHITE



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