



Model Name

**Kia Niro
EV**

Model Code

W5ZH27Z - H

POWERTRAIN

Drivetrain

2WD

Transmission

1-Speed
(e-shift)

ELECTRIC MOTOR

System Type

EV

Motor Type

Permanent Magnet
Synchronous Motor
(PMSM)

Motor Maximum Power

Hp

201

Motor Maximum Torque

Nm

255

BATTERY PACK

Battery Type

Lithium-Ion

Battery Voltage

V

358

Battery Energy

kWh

64.8

Cooling Type

Water cooling

Location of Battery pack

Center underfloor

Battery Safety Cut-Off

●

Battery Weight

kg

443

Charging Rate

AC

kW

230V/12A - 27 hr 30
min (10 - 100%)

kW

7 kW - 9 hr 25 min,
11 kW - 6 hr 20 min
(10 - 100%)

DC

kW

50 kW - 65 min,
80 kW - 49 min,
(10 - 80%)

On Board Charger (OBC)

Max. kW

11

Charging Cable Type

AC (Normal)

Type 2

DC (Rapid)

CCS2

Charging Cables Included

3-pin to Type 2

●



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PERFORMANCE

System Combined Power	Hp	201
System Combined Torque	Nm	255
Top Speed	km/h	167
EV Driving Range (Estimated)	km	460

CHASSIS

Braking System Type	Front	Ventilated Disc
	Rear	Solid Disc
Suspension Type	Front	MacPherson Struts
	Rear	Multi Link
Steering Type		MDPS
Turning Radius	Meter	5.30
Wheels	Wheel Type	Alloy
	Wheel Size	17"
	Wheel Tyre Size	215/55/R17
Spare Wheel	Spare Wheel Type	Repair Kit

DIMENSIONS

Overall Length	mm	4,420
Overall Width	mm	1,825
Overall Height	mm	1,570
Wheelbase	mm	2,720
Ground Clearance	mm	150
Curb Weight	kg	1,757
Rear Cargo Capacity	2nd Row Up	475
	2nd Row Folded	1,392



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EXTERIOR

Headlamps		Dual LED Projector
Headlamps On/Off Function		Auto
Headlamps Leveling		Manual
Daytime Running Lights		LED
Front Fog Lights		LED
Rear Combination Lamps		LED
Rear Fog Lights		LED
Windshield Wipers	Type	Variable Intermittent
	Rain Sensing	●
Rear Wiper/Washer		Intermittent
Door Entry		Smart Keyless
Outer Rearview Mirror		Electric Folding & Heated
Outer Door Handles		Body colour
Sunroof		●
Antenna		Shark-Fin
Rear Trunk Spoiler		●
Tailgate		Smart Powered
Parking Sensors		Front & Rear
Roof Rails		●
Radiator Grille		Black & Silver
Glass Window Type	Windshield	Laminated
	Door Windows	Privacy & Solar
	Rear Window	Privacy & Solar

		
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INTERIOR		
Start / Stop Button		●
Parking Brake		Electronic Parking Brake
Inner Rearview Mirror		Auto-Dimming
Instrument Cluster		10.25"
Power Windows with Anti-Pinch/Jam		Front
Steering Wheel Adjustment		Tilt & Telescopic
Drive Mode Switch		●
Interior Lighting	Map Lights	LED
	Cabin Light	LED
	Cargo Area Light	LED
	Ambient/Mood Lighting	●
Center Console Armrest		●
Sunvisors		Sliding & Light
COMFORT AND CONVENIENCE		
Steering Wheel Switches		Audio, Bluetooth®, Voice Recognition
Cruise Control		●
Paddle Shifters		●
Air-Conditioning		Dual-Zone Auto
Rear Air-Conditioning		Rear Vents
12V Power Socket		x 1
USB Ports	Front	x 3 (USB-C)
Wireless charger		●
Seat Back Pockets		Driver & Passenger
INTERIOR TRIM		
Steering Wheel Material		Leatherette
Instrument Panel Trim		Std
Inner Door Handles		Chrome
Accelerator Pedal		Metal

		
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SEATS		
Seating Capacity		5
Front Seats	Driver Adjustment	Powered
	Passenger Adjustment	Powered with Premium Relaxion
	Lumbar Adjustment	Driver & Passenger
	Memory Function	Driver
	Ventilation	●
	Heated	●
Rear Seats	2nd Row	60:40 Split-Fold with Reclining
Seat Material		Leatherette
INFOTAINMENT		
Audio System type		Infotainment display
Infotainment Display Size		10.25"
Touch Screen		●
AM / FM Tuner		●
Bluetooth® Hands-Free Phone & Audio		●
Apple CarPlay® & Android Auto™ Function *		●
Speakers		x 8
Speaker Technology		Std
Reverse Camera		●
ADVANCED TECHNOLOGIES		
Tyre Pressure Monitoring System (TPMS)		●
Vehicle To Load (V2L)		●

		
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SAFETY		
SRS Airbags	Front (Driver & Passenger)	●
	Side (Front)	●
	Curtain	●
	Knee (Driver side)	●
Anti-Lock Braking System (ABS)		●
Electronic Brake-Force Distribution (EBD)		●
Brake Assist (BA)		●
Electronic Stability Control (ESC)		●
Traction Control System (TCS)		●
Hill-start Assist Control (HAC)		●
Auto Hold Function		●
Door Lock		Auto
Seat Belts	with Pretensioners	●
	with Load Limiter	●
	with Height Adjustable Anchorages	●
Seat Belt Warning	Front	●
Rear Occupant Alert (ROA)		●
Safe Exit Assist (SEA)		●
Child Restraint Anchor Points (ISOFIX)		●
Child Lock		Auto
Immobilizer		●
ADVANCED SAFETY TECHNOLOGIES		
High Beam Assist (HBA)		●
Blind-Spot Collision-Avoidance Assist (BCA)		●
Rear Cross-Traffic Collision-Avoidance Assist (RCCA)		●
Lane Keeping Assist (LKA)		●
Driver Attention Warning (DAW)		●
Forward Collision-Avoidance Assist (FCA)	Front	Junction Turning
Lane Following Assist (LFA)		●
Smart Cruise Control (SCC)		Stop & Go

Specification is updated as of: 22/06/2023.

All vehicle models and specification shown are for Malaysia market only. Specification shown may vary from the actual vehicles. Specification may subject to change without prior notice.

Pictures shown are for illustration purposes only. It does not depict the actual vehicle.

* Android Auto will be available upon official launch of service in Malaysia

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