

Vehicle Info

Make	Kia	Plate No.	07ho8098
Model	Niro	VIN	KNAA181GFPT002775
Year	2023	Mileage	92,022 km
Fuel Type	Electric	Diagnosed	2026. 06. 26.

Battery Health (SOH)



Fault Codes (DTC) Summary

✓ No fault codes detected.

BMS (Battery)

0

MCU (Motor)

0

Integrated Power

0

Vehicle Charging

0

Other P-Codes

0

Chassis

0

Body

0

Comm.

0

Key Diagnostic Data

Item	Criteria	Result	Assessment
Battery Life (SOH)	SOH >75%: Good	100.0 %	Good
Insulation Resistance	>500 k Ω above: Good	1000.0 k Ω	Good
Cell Voltage Deviation	Cell voltage max-min diff <1.0V: Good	0.000 V	Good
Module Temp Deviation	Module temp diff <20°C: Good	4.0 °C	Good
LDC Voltage Deviation	LDC-12V diff <0.8V: Good	0.12 V	Good
Motor Temp Deviation (Rear)	MCU temp diff (Rear) <100°C: Good	4.0 °C	Good
Motor Offset Deviation (Rear)	MCU offset diff (Rear) <200: Good	1	Good



WeSCAN-20260701-95BBF855

This report certifies that Wecar Mobility Co., Ltd. and Betterwhy Co., Ltd.'s jointly developed WISCAN diagnostic solution was used to analyze scan data and produce these objective, certified results.

2026. 07. 01.

Wecar Mobility Co., Ltd. CEO



Betterwhy Co., Ltd. CEO



BMS Sensor Data

SOC (Display)

83.5 %

SOH

100.0 %

Pack Voltage

390.7 V

Pack Current

4.5 A

Max Temp

31.0 °C

Min Temp

27.0 °C

Insulation Resistance

1000 kΩ

Max Cell Voltage

3.98 V

Min Cell Voltage

3.98 V

Internal Resistance

- mΩ

DC Fast Charges

- times

AC Charges

- times

ICCU Sensor Data

12V Battery SOC

71.0 %

12V Battery Voltage

14.544 V

LDC Output Voltage

14.667 V

MCU Sensor Data

Inverter Temp (Rear)

40.0 °C

Drive Motor Temp (Rear)

44.0 °C

U-phase Current Sensor Offset (Rear)

2

V-phase Current Sensor Offset (Rear)

1

Fault Codes (DTC) Details

✓ No fault codes detected.

Cell Voltage Info (98 cells total)

Min Voltage

3.980 V

Max Voltage

3.980 V

Voltage Deviation (Max-Min)

0.000 V

1 3.980 V	2 3.980 V	3 3.980 V	4 3.980 V	5 3.980 V	6 3.980 V	7 3.980 V	8 3.980 V	9 3.980 V	10 3.980 V	11 3.980 V	12 3.980 V
13 3.980 V	14 3.980 V	15 3.980 V	16 3.980 V	17 3.980 V	18 3.980 V	19 3.980 V	20 3.980 V	21 3.980 V	22 3.980 V	23 3.980 V	24 3.980 V
25 3.980 V	26 3.980 V	27 3.980 V	28 3.980 V	29 3.980 V	30 3.980 V	31 3.980 V	32 3.980 V	33 3.980 V	34 3.980 V	35 3.980 V	36 3.980 V
37 3.980 V	38 3.980 V	39 3.980 V	40 3.980 V	41 3.980 V	42 3.980 V	43 3.980 V	44 3.980 V	45 3.980 V	46 3.980 V	47 3.980 V	48 3.980 V
49 3.980 V	50 3.980 V	51 3.980 V	52 3.980 V	53 3.980 V	54 3.980 V	55 3.980 V	56 3.980 V	57 3.980 V	58 3.980 V	59 3.980 V	60 3.980 V
61 3.980 V	62 3.980 V	63 3.980 V	64 3.980 V	65 3.980 V	66 3.980 V	67 3.980 V	68 3.980 V	69 3.980 V	70 3.980 V	71 3.980 V	72 3.980 V
73 3.980 V	74 3.980 V	75 3.980 V	76 3.980 V	77 3.980 V	78 3.980 V	79 3.980 V	80 3.980 V	81 3.980 V	82 3.980 V	83 3.980 V	84 3.980 V
85 3.980 V	86 3.980 V	87 3.980 V	88 3.980 V	89 3.980 V	90 3.980 V	91 3.980 V	92 3.980 V	93 3.980 V	94 3.980 V	95 3.980 V	96 3.980 V
97 3.980 V	98 3.980 V										

Module Temp Info (4 modules total)

Min Temp

27.0 °C

Max Temp

31.0 °C

Temp Deviation (Max-Min)

4.0 °C

Module 1

30.0 °C

Module 2

28.0 °C

Module 3

27.0 °C

Module 4

31.0 °C