

INDEPENDENT BATTERY CERTIFICATE



CERTIFICATE NUMBER: 1634E656-248A-4C73-A45F-C963FF9EDA18

VEHICLE

BRAND: Hyundai
MODEL: Kona - 64 kWh

MILEAGE: 45,022 km
VIN: TMAK581GFNJ068865
DATE AND TIME:
01.10.2025, 08:09:31

EXECUTED BY: Carla AB

RESULTS

STATE OF HEALTH (SOH)

97.7 %

ENERGY

63kWh | 64kWh



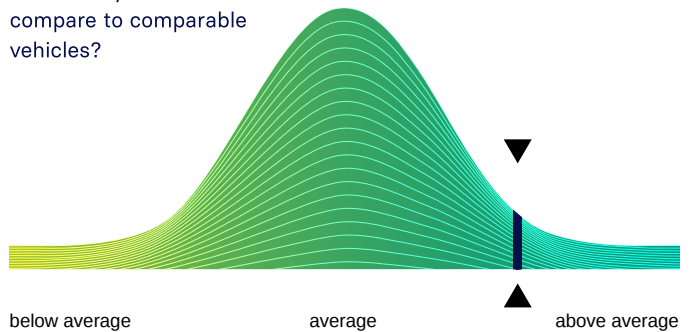
WLTP RANGE

473km | 484km

RATING

BENCHMARKING

How does your vehicle compare to comparable vehicles?



CHECKS

Battery Management System (BMS) ✓

Battery Sensor ✓

Battery Measurements ✓

Battery Cell Voltages ✓

Vehicle Communication ✓



SCAN FOR DETAILS

EVALUATION

EXCELLENT HEALTH - NO ABNORMALITIES DETECTED

Based on the detailed battery diagnostics performed with the AVILOO FLASH Test, we hereby certify that the drive battery of this vehicle is in excellent condition.

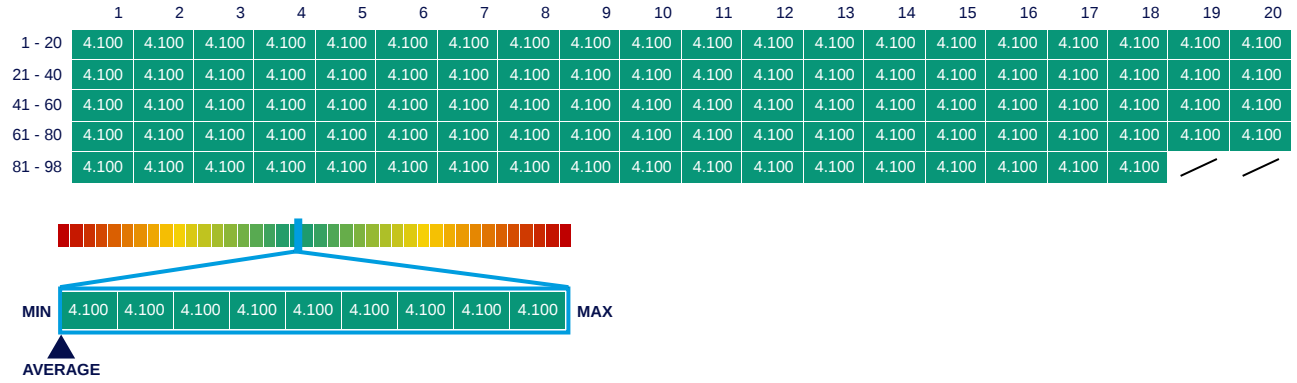
The drive battery is therefore officially AVILOO Certified.

Marcus Berger

Dr. Marcus Berger, CEO



CELL VOLTAGES DIAGRAM



EXECUTION PROTOCOL

AVILOO Box connected.		08:09:28
FLASH Test started.	✓	
Vehicle detected.	✓	
Starting data acquisition.	✓	
Finished data acquisition.	✓	
Analyzing data.	✓	
Analysis completed.	✓	

RANGE

	WLTP	Typical	Individual
Current:	473-473km	376km	355km
New:	484-484km	385km	363km

ENERGY

	Gross	Net (Nominal)	Usable
Current:	65.8kWh	62.5kWh	62.5kWh
New:	67.3kWh	64.0kWh	64.0kWh

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	15.0°C	16.0°C	1.0°C	✓
Cell Voltage	4.100V	4.100V	0mV	✓
Pack Voltage	402.3V			
Average Current	-1.9A			

BMS

	Value	Status
BMS State of Charge (SoC)*:	97%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	100%	
SoH calculation accuracy:		✓

SENSORS

Voltage Sensor	✓
Current Sensor	✓
Temperature Sensors	✓
Cell Voltage Sensors	✓