

INDEPENDENT BATTERY CERTIFICATE



CERTIFICATE NUMBER: 5F8691FC-9807-4070-92C4-07F2E00907E8

VEHICLE

BRAND: Nissan
MODEL: Ariya - 87 kWh

MILEAGE: 34,671 mi
VIN: JN1DF0CD2PM700736
DATE AND TIME:
10/29/26, 8:50 AM

EXECUTED BY: Reds Auto and Truck

RESULTS

Independent
STATE OF HEALTH (SOH)

98.4 %

ENERGY

86kWh | 87kWh



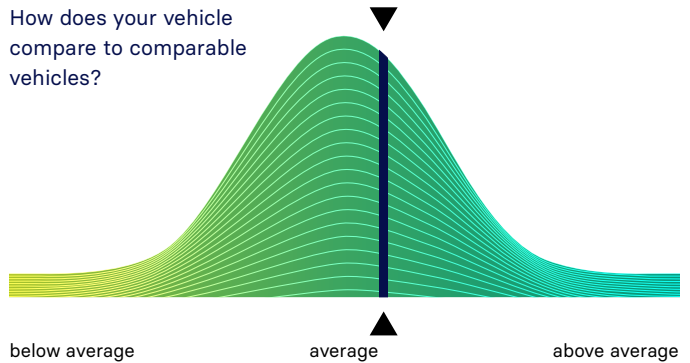
WLTP RANGE

324mi | 329mi

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

EXECUTED BY:



ENERGY

	Gross	Net (Nominal)	Usable
Current:	89.5kWh	85.6kWh	82.4kWh
New:	91.0kWh	87.0kWh	83.7kWh

RANGE

	WLTP	Typical
Current:	306-324mi	233mi
New:	311-329mi	237mi

EXECUTION PROTOCOL

AVILOO Box connected. 08:49:59

FLASH Test started.	✓
Data acquisition started.	✓
Vehicle detected.	✓
Data acquisition completed.	✓
Data analysis started.	✓
Data analysis completed.	✓

SENSORS

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

BMS

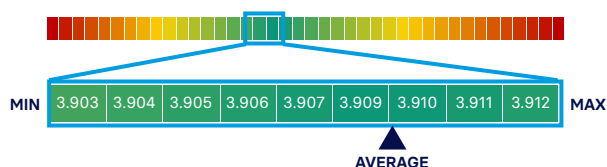
	Value	Status
BMS State of Charge (SoC)*:	69%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	100%	
SoH calculation accuracy:		✓

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	50.0F	51.8F	1.8F	✓
Cell Voltage	3.903V	3.912V	8mV	✓
Pack Voltage	375.3V			
Average Current	-9.2A			

CELL VOLTAGES DIAGRAM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1 - 20	3.908	3.909	3.907	3.909	3.908	3.909	3.906	3.909	3.911	3.903	3.911	3.908	3.909	3.907	3.911	3.911	3.909	3.912	3.909	3.911
21 - 40	3.907	3.911	3.909	3.908	3.909	3.908	3.909	3.906	3.911	3.911	3.908	3.911	3.906	3.911	3.909	3.908	3.909	3.906	3.911	3.911
41 - 60	3.908	3.909	3.906	3.911	3.911	3.909	3.911	3.911	3.908	3.911	3.907	3.909	3.907	3.912	3.911	3.909	3.909	3.907	3.909	3.909
61 - 80	3.908	3.909	3.907	3.911	3.909	3.907	3.909	3.906	3.911	3.911	3.909	3.911	3.908	3.909	3.908	3.911	3.911	3.912	3.908	
81 - 96	3.911	3.907	3.911	3.909	3.907	3.909	3.907	3.911	3.906	3.909	3.911	3.908	3.911	3.908	3.909	3.909	/	/	/	/



*The values shown here were read directly from the vehicle's battery management system (BMS) and are calculated and provided by the vehicle manufacturer. The State of Health (SoH) displayed corresponds to the value reported by the BMS and is CARA-certified.

DISCLAIMER: The test result includes the currently calculated state of health (SoH) of the drive battery. The determination is based on data provided by the vehicle. These are evaluated by AVILOO's algorithms using statistical and analytical models. Manipulation of the data in the control unit leads to an incorrect result. The indicated SoH has a technically induced fluctuation range (deviation) of no more than 3% in at least 95% of reference measurements. It should be noted that this tolerance applies to the SoH determination at the cell level and not to the SoH of the entire battery. This is because the state of charge of individual cells may vary, which can negatively affect the current SoH of the battery. However, this can be compensated by the Battery Management System (BMS) or during a calibration. The result reflects the condition of the battery at the time of the test. No conclusions can be drawn about the future state of health of the battery from this. Statements about mechanical damage or external influences are not part of this diagnosis.